WILDLIFE REVIEW

NUMBER 182 SEPTEMBER 1981

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

WILDLIFE REVIEW

Kenneth J. Chiavetta, Editor
Terry N. Sexson, Assistant Editor

Editorial Office
U.S. Fish and Wildlife Service
Aylesworth Hall, CSU
Fort Collins, Colorado 80523

Wildlife Review, a quarterly, serves to alert wildlife biologists of current worldwide literature of wildlife management and conservation. Each issue contains separate Author, Geographic, and Subject indices. Beginning in 1981, an annual index volume with accumulative Author, Geographic, Taxonomic, and Subject indices will be issued; included will be a list of publications screened. Authors who publish in journals not screened for *Wildlife Review*, and who would like their publications included, should submit reprints to the Editor.

The U.S. Fish and Wildlife Service assumes no responsibility for the accuracy of material from outside sources.

WILDLIFE REVIEW

An indexing and abstracting publication
of wildlife literature issued by the
Fish and Wildlife Service
UNITED STATES DEPARTMENT OF THE INTERIOR

September 1981 Colorado State University, Fort Collins, Colorado 80523 No. 182

CONTENTS

Conservation
- Soils..... 1
- General..... 2
- Conservation education..... 2
- Bibliographies, directories, history, biographies..... 3

Plants
- General, ecology, techniques..... 3
- Floras, communities, manuals..... 3

Wildlife
- General..... 3
- Techniques..... 4
- Faunas, natural history, manuals.. 5
- Natural areas & refuges..... 7
- Endangered & threatened species... 7
- Introductions..... 10
- Morphology & physiology..... 10
- Behavior..... 11
- Population dynamics..... 12
- Pesticides & pollution..... 13
- Parasites & diseases..... 13
- Economics, damage, predation, control..... 14
- Hunting--area & problems..... 15
- Laws/Law enforcement..... 15
- Harvest & hunting statistics..... 16
- Management & research--general.... 16
- Management - nongame..... 17
  - Wetlands & wildlife..... 17
  - Forests & wildlife..... 17
  - Environmental impacts & assessments..... 18

Mammals
- General..... 20
- Techniques..... 20
- Faunas, communities, manuals..... 20
- Morphology & physiology..... 22
- Behavior..... 25
- Population dynamics..... 25
- Pesticides & pollution..... 26
- Parasites & diseases..... 27
- Economics, damage, predation, control..... 28
- Marsupials..... 29
- Moles, shrews, other insectivores..... 32
- Bats..... 35
- Rabbits & pikas..... 40
- Rodents
  - General..... 42
  - Sciurids..... 43
  - Beaver, muskrat, nutria..... 47
  - Rats & mice..... 49
    - Rattus & Mus..... 50
  - Other rodents..... 53
- Carnivores
  - General..... 68
  - Canids..... 69
  - Bears..... 71
  - Raccoons, ringtail coati..... 72
  - Mustelids..... 73
  - Cats..... 77
  - Other carnivores..... 78
- Marine mammals..... 79
- Ungulates
  - General..... 84
  - Cervids
    - General..... 85
    - Odocoileus..... 85
    - Other cervids..... 87
  - Other ungulates..... 92
- Primates..... 97
- Other mammals..... 107

Birds
- General..... 108
- Techniques..... 109
- Faunas, communities, manuals..... 110
- Morphology & physiology..... 118
- Behavior..... 121
- Population dynamics..... 124
- Migration & banding reports..... 125
- Mortality & survival..... 126
- Pesticides & pollution..... 127
- Parasites & diseases..... 130
- Economics, damage, predation, control..... 131
- Gallinaceous birds
  - General..... 132
  - Grouse & ptarmigan..... 132
  - Phasianidae
    - Bobwhite..... 134
    - Coturnix..... 135
    - Ring-necked pheasant & allies..... 137
    - Other phasianidae..... 137
  - Turkey..... 138
  - Other gallinaceous birds..... 138
- Doves & pigeons..... 138
- Waterbirds..... 142
  - Waterfowl
    - General..... 143
    - Ducks..... 144
    - Swans & geese..... 149
  - Loons & grebes..... 152
  - Shorebirds, marshbirds & allies. 153
  - Seabirds & allies..... 172
- Raptors..... 175
- Passerine birds
  - General..... 192
  - Blackbirds, starlings, crows.... 193
  - Other passerine birds..... 198
- Other birds..... 219

Amphibians & reptiles..... 224
- Amphibians..... 226
- Reptiles..... 238

Author Index..... 261
Geographical Index..... 323
Subject Index..... 339

SOILS

81-004728 Bingham, LaMonte C. and others. SOIL SURVEY OF HELENA VALLEY: PART OF LEWIS AND CLARK COUNTY, MONTANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* iii + 57p. + single-fold maps based on aerial photos and bound in. 1980. From Monthly Catalog of U.S. Government Publications 81-9. Jan. 1981. WR 182

81-004729 Brooks, J. F. SOIL SURVEY OF COWETA, HEARD, AND TROUP COUNTIES, GEORGIA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* viii + 102p. + single-fold maps based on aerial photos and bound in. Sept. 1980. From Monthly Catalog of U.S. Government Publications 81-8. Jan. 1981. WR 182

81-004730 Crabb, James A. SOIL SURVEY OF WELD COUNTY, COLORADO: SOUTHERN PART. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* viii + 135p. + single-fold maps based on aerial photos and bound in. Sept. 1980. From Monthly Catalog of U.S. Government Publications 81-1128. Feb. 1981. WR 182

81-004731 Da Moude, Dean W. SOIL SURVEY OF BURT COUNTY, NEBRASKA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 165p. + single-fold maps based on aerial photos and bound in. Oct. 1980. From Monthly Catalog of U.S. Government Publications 81-7. Jan. 1981. WR 182

81-004732 Downing, B. H. RELATIONSHIPS BETWEEN ROCK SUBSTRATE, LANDFORM AND SOIL IN UMFOLOZI GAME RESERVE, AS EXPLAINED FOR CONSERVATION PURPOSES. *Lammergeyer* No. 30. p. 32-48. Oct. 1980. WR 182
[8 Branksome Gardens, City Beach, Western Australia 6015, Australia]

81-004733 Ernst, J. E.; K. E. Miller and R. L. Hunter. SOIL SURVEY OF SENECA COUNTY, OHIO. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 143p. + single-fold maps based on aerial photos and bound in. Sept. 1980. From Monthly Catalog of U.S. Government Publications 81-11. 1981. WR 182

81-004734 Furbush, Clarence E.; Byron E. Koepke and Dale B. Schoephorster. SOIL SURVEY OF TOTCHAKET AREA, ALASKA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 68p. + single-fold maps based on aerial photos and bound in. Oct. 1980. From Monthly Catalog of U.S. Government Publications 81-3153. Apr. 1981. WR 182

81-004735 Garner, Bill A. and others. SOIL SURVEY OF LOGAN COUNTY, ARKANSAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 100p. + single-fold maps based on aerial photos and bound in. Nov. 1980. From Monthly Catalog of U.S. Government Publications 81-1127. Feb. 1981. WR 182

SOILS (CONTINUED)

81-004736 Kilpatrick, W. Wayne and others. SOIL SURVEY OF ALLEN PARISH, LOUISIANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 110p. + single-fold maps based on aerial photos and bound in. Sept. 1980. From Monthly Catalog of U.S. Government Publications 81-6. Jan. 1981. WR 182

81-004737 Newhouse, Michael E. and others. SOIL SURVEY OF GLOUCESTER COUNTY, VIRGINIA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 88p. + single-fold maps based on aerial photos and bound in. Sept. 1980. From Monthly Catalog of U.S. Government Publications 81-1126. Feb. 1981. WR 182

81-004738 Pescado, Pedro, Jr. and Lester C. Brockmann. SOIL SURVEY OF RICHLAND COUNTY, MONTANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* iv + 71p. + single-fold maps based on aerial photos and bound in. Aug. 1980. From Monthly Catalog of U.S. Government Publicatons 81-10. 1980. WR 182

81-004739 Plantz, Merritt and Richard Zink. SOIL SURVEY OF KEYA PAHA COUNTY, NEBRASKA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 224p. + single-fold maps based on aerial photos and bound in. Oct. 1980. From Monthly Catalog of U.S. Government Publications 81-2141. Mar. 1981. WR 182

81-004740 Schlepp, Richard L. SOIL SURVEY OF AURORA COUNTY, SOUTH DAKOTA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 148p. + single-fold maps based on aerial photos and bound in. Sept 1980. From Monthly Catalog of U.S. Government Publications 81-1124. Feb. 1981. WR 182

81-004741 Vogt, Kenneth D. SOIL SURVEY OF SAN SIMON AREA, ARIZONA: PARTS OF COCHISE, GRAHAM, AND GREENLEE COUNTIES. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* viii + 148p. + single-fold maps based on aerial photos and bound in. Sept. 1980. From Monthly Catalog of U.S. Government Publications 81-2142. Mar. 1981. WR 182

81-004742 Yenter, James M. and others. SOIL SURVEY OF CONEJOS COUNTY AREA, COLORADO. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 144p. + single-fold maps based on aerial photos and bound in. Sept. 1980. From Monthly Catalog of U.S Government Publications 81-1125. Feb. 1981. WR 182

GENERAL CONSERVATION

81-004743 Lamb, Robert. NEW MOVES TO HELP SAVE EAST AFRICA'S WILDLIFE. *Environ. Conserv.* 8(1):71-72. 1981. WR 182
[IUCN, Ave. Mont-Blanc, 1196 Gland, Switzerland]

CONSERVATION EDUCATION

81-004744 Hooper, Jon Kirk. DIFFUSION OF ENVIRONMENTAL EDUCATION: ADOPTION OF WILDLIFE ECOLOGY EDUCATION IN CALIFORNIA K-12 SCHOOLS. *Ph.D. dissertation, Univ. Calif. (Davis)* 264p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4323. June 1980. WR 182

BIBLIOGRAPHIES, DIRECTORIES, HISTORY, AND BIOGRAPHIES

81-004745 Pucek, Michalina. POLISH THERIOLOGICAL BIBLIOGRAPHY, 1979. *Acta Theriol.* 25(42):511-526. 1980. In English with Polish summ. WR 182
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Białowieża, Poland]

PLANTS--GENERAL, ECOLOGY, AND TECHNIQUES

81-004746 Forcella, Frank. ESTIMATING PINYON CONE PRODUCTION IN NEW MEXICO AND WESTERN OKLAHOMA. *J. Wildl. Manage.* 45(2):553-557. Apr. 1981. WR 182
[Div. Plant Industry, CSIRO, Canberra, ACT 2601, Australia]

81-004747 Pilcher, Brian K. TANK CULTURE OF DELTA DUCK POTATO. *M.S. thesis, La. State Univ.* ix + 53p. 1981. Available through interlibrary loan, Middleton Library, La. State Univ., Baton Rouge 70803. WR 182

PLANTS--FLORAS, COMMUNITIES, AND MANUALS

81-004748 Taylor, Roy L. STATUS OF THE RARE AND ENDANGERED PLANTS OF BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 131-138. 1980. WR 182
[Botanical Garden, Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5]

WILDLIFE--GENERAL

81-004749 Bunnell, F. L. and R. G. Williams. SUBSPECIES AND DIVERSITY -THE SPICE OF LIFE OR PROPHET OF DOOM. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 246-259. 1980. WR 182
[Fac. For., Univ. British Columbia, Vancouver, British Columbia, Canada]

81-004750 Huston, Michael. A GENERAL HYPOTHESIS OF SPECIES DIVERSITY. *Am. Nat.* 113(1):81-101. Jan. 1979. WR 182
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109]

81-004751 Laurie, Ian C., editor. NATURE IN CITIES: THE NATURAL ENVIRONMENT IN THE DESIGN AND DEVELOPMENT OF URBAN GREEN SPACE. *John Wiley & Sons* 428p. 1979. From Ecol. Abstr. 1980/5:80L/7262. 1980. Available at £17.50. WR 182

81-004752 Prange, Henry D.; John F. Anderson and Hermann Rahn. SCALING OF SKELETAL MASS TO BODY MASS IN BIRDS AND MAMMALS. *Am. Nat.* 113(1):103-122. Jan. 1979. WR 182
[Medical Sci. Program, Ind. Univ. School Med., Bloomington 47401]

WILDLIFE--GENERAL (CONTINUED)

81-004753 Stenseth, Nils Chr. ON CHITTY'S THEORY FOR FLUCTUATING POPULATIONS: THE IMPORTANCE OF GENETIC POLYMORPHISM IN THE GENERATION OF REGULAR DENSITY CYCLES. *J. Theor. Biol.* 90(1):9-36. 7 May 1981. WR 182
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

81-004754 Wiley, E. O. REMARKS ON WILLIS' SPECIES CONCEPT. *Syst. Zool.* 30(1):86-87. Mar. 1961. WR 182
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] Comments on Willis (below).

81-004755 Willis, Edwin O. IS A SPECIES AN INTERBREEDING UNIT, OR AN INTERNALLY SIMILAR PART OF A PHYLOGENETIC TREE? *Syst. Zool.* 30(1):84-85. Mar. 1981. WR 182
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124] *Icterus galbula* and *I. bullocki*.

WILDLIFE--TECHNIQUES

81-004756 Gilmer, David S.; Lewis M. Cowardin; Renee L. Duval; Larry M. Mechlin; Charles W. Shaiffer and V. B. Kuechle. PROCEDURES FOR THE USE OF AIRCRAFT IN WILDLIFE BIOTELEMETRY STUDIES. *U.S. Fish Wildl. Serv. Resour. Publ.* 140:[ii] + 19p. May 1981. WR 182
[Wildl. Res. Field Stn., Rt. 2, Box 5120, Dixon, CA 95620]

81-004757 Gilmer, David S.; Lewis M. Cowardin; Renee L. Duval; Larry M. Mechlin; Charles W. Shaiffer and V. B. Kuechle. PROCEDURES FOR THE USE OF AIRCRAFT IN WILDLIFE BIOTELEMETRY STUDIES. *U.S. Fish Wildl. Serv. Resour. Publ.* 140. [ii] + 19p. May 1981. WR 182
[Wildl. Res. Field Stn., Rt. 2, Box 5210, Dixon, CA 95620]

81-004758 Hoffmann, Rudolf. MÖGLICHKEITEN DER GESCHLECHTSDIAGNOSE BEI VERTEBRATEN UNTER BESONDERER BERÜCKSICHTIGUNG DER ZYTOGENETIK. [POSSIBILITIES FOR SEX DIAGNOSIS IN VERTEBRATES UNDER VARIOUS CONSIDERATIONS.] *Zool. Gart.* 51(1):1-6. 1981. In German with English summ. WR 182
[Inst. Zool. & Hydrobiol., Univ. Munich, Kaulbachstraße 37, D-800 Munich, West Germany]

81-004759 Mardekian, Stephanie Zowada and Lyman McDonald. SIMULTANEOUS ANALYSIS OF BAND-RECOVERY AND LIVE-RECAPTURE DATA. *J. Wildl. Manage.* 45(2):484-488. Apr. 1981. WR 182
[Ortho Pharmaceutical Corp., Quality Assurance Div., U.S. Hwy. 202, Raritan, NJ 08869]

81-004760 Murray, Rodney B.; Debra E. Gmerek; Alan Cowan and Ronald J. Tallarida. USE OF A PROGRAMMABLE PROTOCOL TIMER AND DATA LOGGER IN THE MONITORING OF ANIMAL BEHAVIOR. *Pharmacol. Biochem. Behav.* 15(1):135-140. July 1981. WR 182
[Dep. Pharmacol., Temple Univ. School Med., Philadelphia, PA 19140]

WILDLIFE--TECHNIQUES (CONTINUED)

81-004761 Romesburg, H. Charles. WILDLIFE SCIENCE: GAINING RELIABLE KNOWLEDGE. *J. Wildl. Manage.* 45(2):293-313. Apr. 1981. WR 182
[Dep. For. & Outdoor Recreation, Utah State Univ., Logan 84322]

81-004762 Simons, Theodore R. A SIMPLE EVENT RECORDER FOR MONITORING CAVITY-DWELLING ANIMALS. *Murrelet* 62(1):27-30. 1981. WR 182
[Coll. Forest Resour., Univ. Wash., Seattle 98195]

81-004763 Wilcox, David L. and Jean Walters MacCluer. COEVOLUTION IN PREDATOR-PREY SYSTEMS: A SATURATION KINETIC MODEL. *Am. Nat.* 113(2):163-183. Feb. 1979. WR 182
[Dep. Biol., Eastern Coll., St. Davids, PA 19087]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS

81-004764 Atwood, N. Duane; Clyde L. Pritchett; Richard D. Porter and Benjamin W. Wood. TERRESTRIAL VERTEBRATE FAUNA OF THE KAIPAROWITS BASIN. *Great Basin Nat.* 40(4):303-350. 31 Dec. 1980. WR 182
[U.S. For. Serv. Intermountain Forest & Range Exp. Stn., Shrub Sci. Lab., 735 North 500 East, Provo, UT 84601]

81-004765 Daciuk, Juan. NOTAS FAUNÍSTICAS Y BIOECOLÓGICAS DE PENÍNSULA VALDÉS Y PATAGONIA: II. EVALUACIÓN PRELIMINAR DE LA FAUNA DE VERTEBRADOS DE LA ISLA VICTORIA (PARQUE NACIONAL NAHUEL HUAPI, PROV. DE NEUQUÉN Y RÍO NEGRO, (ARGENTINA). [FAUNISTIC AND BIOECOLOGICAL NOTES OF PENÍNSULA VALDÉS AND PATAGONIA. II. SOME FAUNISTIC REFERENCES OF THE ISLA VICTORIA, NAHUEL HUAPI NATIONAL PARK.] *An. Parques Nac. (B. Aires)* 14:87-95. 1978. In Spanish with English summ. WR 182

81-004766 Daciuk, Juan. NOTAS FAUNÍSTICAS Y BIOECOLÓGICAS DE PENÍNSULA VALDÉS Y PATAGONIA: III. ACLIMATACIÓN DE AVES Y MAMÍFEROS EN EL PARQUE NACIONAL NAHUEL HUAPI (PROV. DE NEUQUÉN Y RÍO NEGRO, ARGENTINA), CON ESPECIAL REFERENCIA DE LOS FASIÁNIDOS. [FAUNISTIC AND BIOECOLOGICAL NOTES OF PENÍNSULA VALDÉS AND PATAGONIA. III. ACCLIMATATION EXPERIENCES WITH BIRDS AND MAMMALS MADE IN THE NAHUEL HUAPI NATIONAL PARK (PROVINCES OF NEUQUÉN AND RÍO NEGRO, ARGENTINA).] *An. Parques Nac. (B. Aires)* 14:96-104. 1978. In Spanish with English summ. WR 182

81-004767 de Araujo, Dorothy Sue Dunn and Norma Crud Maciel. OS MANGUEZAIS DO RECÔNCAVO DA BAÍA DE GUANABARA. [THE MANGROVE SWAMPS OF GUANABARA BAY, RIO DE JANEIRO STATE.] *Cadernos FEENA Ser. Tec. 10/79.* 115p. 1979. In Portuguese with English summ. WR 182

81-004768 Dudley, C. O.; D. E. Stead and G. G. M. Schulten. AMPHIBIANS, REPTILES, MAMMALS AND BIRDS OF CHILWA. *In Lake Chilwa: Studies of Change in Tropical Ecosystem., M. Kalk, A. J. McLachlan and C. Howard-Williams, editors. (Dr. W. Junk bv Publishers)* p. 247-273. 1979. From Ecol. Abstr. 1980/6:80L/8103. 1980. WR 182

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

81-004769 Feare, Christopher J. ECOLOGY OF BIRD ISLAND, SEYCHELLES. *Atoll Res. Bull.* 226:1-38. 1979. From Ecol. Abstr. 1980/5:80L/6387. 1980. WR 182

81-004770 Henley, Don E. and Donald G. Rauschuber. FRESHWATER NEEDS OF FISH AND WILDLIFE RESOURCES IN THE NUECES-CORPUS CHRISTI BAY AREA, TEXAS: A LITERATURE SYNTHESIS. *U.S. Fish Wildl. Serv.* FWS/OBS-80/10. xxiv + 410p. Mar. 1981. WR 182
[North Tex. State Univ., Inst. Appl. Sci., Denton 76203]

81-004771 Jaksić, Fabian M.; Harry W. Greene and José L. Yáñez. THE GUILD STRUCTURE OF A COMMUNITY OF PREDATORY VERTEBRATES IN CENTRAL CHILE. *Oecologia (Berl.)* 49(1):21-28. May 1981. WR 182
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] The trophic ecology of eleven predator species (Falconiforms: *Buteo polyosoma, Elanus leucurus, Falco sparverius, Geranoaetus melanoleucus, Parabuteo unicinctus*; Strigiforms: *Athene cunicularia, Bubo virginianus, Tyto alba*; Carnivores: *Dusicyon culpaeus*; Snakes: *Philodryas chamissonis, Tachymenis peruviana*) in two nearby localities of central Chile is analyzed.--From abstr.

81-004772 Kirkpatrick, T. H. and H. J. Lavery. FAUNA SURVEYS IN QUEENSLAND. *Queensl. J. Agric. Anim. Sci.* 36(2):181-188. Dec. 1979. WR 182
[Natl. Parks & Wildl. Serv. Queensland, Hermitage Res. Stn., Warwick, Queensland, Australia]

81-004773 Kokabi, Mostefa. TIERKNOCHENFUNDE AUS GISEH/ÄGYPTEN. [ANIMAL BOND FINDS AT GIZEH/EGYPT.] *Ann. Naturhist. Mus. Wien* 83:519-537. 1979. In German. WR 182
[Ungere Straße 65, D-8, Munich, West Germany]

81-004774 Link, Michael. FOREST, ANIMAL, AND SEASONAL CYCLES OBSERVED IN VERNAL PONDS AT AUDUBON CENTER. *J. Minn. Acad. Sci.* 46(2):14-16. 1980. WR 182
[Northwoods Audubon Cent., Sandstone, MN]

81-004775 McEvoy, J. S.; K. R. McDonald and A. K. Searle. MAMMALS, BIRDS, REPTILES AND AMPHIBIANS OF THE KILCOY SHIRE, QUEENSLAND. *Queensl. J. Agric. Anim. Sci.* 36(2):167-180. Dec. 1979. WR 182
[Natl. Parks & Wildl. Serv. Queensland, Yeerongpilly, Queensland 4105, Australia]

81-004776 Péfaur, Jaime E. COMPOSITION AND PHENOLOGY OF EPIGEIC ANIMAL COMMUNITIES IN THE LOMAS OF SOUTHERN PERU. *J. Arid Environ.* 4(1):31-42. Mar. 1981. WR 182
[Dep. Biol., Fac. Cienc., Univ. Los Andes, Merida, Venezuela]

81-004777 Rands, Michael; Christopher Bowden; Peter Brown and Paul Newton. UNIVERSITY OF EAST ANGLIA NEPAL EXPEDITION, 1978/79. *Expeditions Comm., Univ. East Anglia, Norwich* 79p. 1980. From Ecol. Abstr. 1980/6:80L/8437. 1980. WR 182
Interim results of research into the fauna of the terrai of SE Nepal.

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

81-004778 Robison, Neil D. A DESCRIPTION OF THE PLEISTOCENE FAUNAL REMAINS RECOVERED FROM FINGER QUARRY, BLOUT COUNTY, TENNESSEE. *J. Tenn. Acad. Sci.* 56(2):68-71. Apr. 1981. WR 182
[Univ. Tenn., Knoxville 37916] Data for 16 spp.

WILDLIFE--NATURAL AREAS AND REFUGES

81-004779 Deppe, Hans-Joachim. ZUR GESCHICHTE DES NATURSCHUTZGEBIETES „OSTUFER DER MÜRITZ" IN MECKLENBURG. [ON THE HISTORY OF THE NATURE „OSTUFER DER MÜRITZ" IN MECKLENBURG.] *Vogelwelt* 102(1):1-15. 1981. In German with English summ. WR 182
[Kudowastraße 1A, D-1000 Berlin 33, West Germany]

81-004780 Lehmann, Scott. DO WILDERNESSES HAVE RIGHTS? *Environ. Ethics* 3(2):129-146. 1981. WR 182
[Dep. Philosophy, Univ. Conn., Storrs 06268]

81-004781 Sinclair, A. R. E. and M. Norton-Griffiths, editors. SERENGETI: DYNAMICS OF AN ECOSYSTEM. *Univ. Chicago Press* 389p. 1980. From Ecol. Abstr. 1980/6:80L/7769. 1980. Price $37.50. WR 182
Describes the environment and its ecosystem, showing the effects of the disappearance of rinderpest, the consequent ungulate population explosion, and changes in the fire regime. The 13 chapters consider plant and mammal groups individually and in terms of interrelationships and coevolution. Implications for management are shown.

81-004782 Tuxill, Jacquelyn and Jane B. Grant. PRESERVING NEW HAMPSHIRE'S NATURAL AREAS. *N.H. Audubon Annu.* p. 8-11. 1981. WR 182

WILDLIFE--ENDANGERED AND THREATENED SPECIES

81-004783 Andreu-Jutglas, C. and J. Pascual Torramade. INFORME SOBRE LAS REPTILES CATALOGADOS DE ESPECIES PROTEGIDAS EN EL TERRITORIO ESPAÑOL. [DATA ON LISTED AND ENDANGERED REPTILES IN SPAIN.] *Bol. Estac. Cent. Ecol.* 7(14):53-58. 1978. From Ecol. Abstr. 1980/5:80L/6710. 1980. In Spanish with English summ. WR 182

81-004784 Bunnell, F. L. and R. G. Williams. THREATENED SPECIES AND HABITATS - WHY BOTHER? *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 260-281. 1980. WR 182
[Fac. For., Univ. British Columbia, Vancouver, British Columbia, Canada]

81-004785 Cowan, Ian McTaggart. THE BASIS OF ENDANGERMENT. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 3-20. 1980. WR

WILDLIFE--ENDANGERED AND THREATENED SPECIES (CONTINUED)

81-004785 CONTINUED 182
[209-26 Bastion Sq., Victoria, British Columbia, Canada V8W 1H9]

81-004786 Foster, Bristol. THE ROLE OF ECOLOGICAL RESERVES IN PROTECTING THREATENED SPECIES AND HABITATS IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 23-27. 1980. WR 182
[Ecol. Reserv. Unit., Parliament Bldgs., Victoria, British Columbia, Canada V8V 1X5]

81-004787 Hartman, G. F. and R. Hayes. THREATENED SPECIES IN YUKON, A PRELIMINARY LIST OF BIRDS AND MAMMALS. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith. Lois Johns and Paul Joslin, editors.* p. 189-209. 1980. WR 182
[Pac. Biol. Stn., Nanaimo, British Columbia, Canada]

81-004788 Hunter, R. THREATENED COASTAL HABITATS. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 58-61. 1980. WR 182
[Fish & Wildl. Inventory Unit., Parliament Bldgs., Victoria, British Columbia, Canada V8V 1X4]

81-004789 Joslin, Paul. PERIPHERAL SPECIES. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 243-245. 1980. WR 182
[15226 Victoria Ave., White Rock, British Columbia, Canada V4B 1G6]
Endangered and threatened wildlife species.

81-004790 Mossop, D. VULNERABLE BIRDS IN THE YUKON TERRITORY AND THE YUKON PEREGRINE FALCON RECOVERY PROJECT. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 210-214. 1980. WR 182
[Box 2703, Whitehorse, Yukon, Canada]

81-004791 Munro, W. T. and D. J. Low. PRELIMINARY PLAN FOR THE DESIGNATION OF THREATENED AND ENDANGERED SPECIES IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 65-73. 1980. WR 182
[Fish & Wildl. Branch, Parliament Bldgs., Victoria, British Columbia, Canada]

81-004792 Pojar, Jim. THREATENED HABITATS OF RARE VASCULAR PLANTS IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 40-48. 1980. WR 182
[British Columbia Minist. Forest, Box 3369, Smithers, British Columbia, Canada V0J 2N0]

81-004793 Pojar, Jim. THREATENED FOREST ECOSYSTEMS OF BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.*

WILDLIFE--ENDANGERED AND THREATENED SPECIES (CONTINUED)

81-004793 CONTINUED p. 28-39. 1980. WR 182
[British Columbia Minist. Forest, Box 3369, Smithers, British Columbia, Canada V0J 2N0]

81-004794 Rolston, Holmes III. VALUES IN NATURE. *Environ. Ethics* 3(2):113-128. 1981. WR 182
[Dep. Philosophy, Colo. State Univ., Fort Collins 80523]

81-004795 Russow, Lilly-Marlene. WHY DO SPECIES MATTER? *Environ. Ethics* 3(2):101-112. 1981. WR 182
[Dep. Philosophy, Recitation Bldg., Purdue Univ., West Lafayette, IN 47907]

81-004796 Scudder, G. G. E. THE OSOYOOS-ARID BIOTIC AREA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 49-55. 1980. WR 182
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada] Endangered and threatened wildlife species.

81-004797 Smith, Carol F. NEW HAMPSHIRE'S ENDANGERED SPECIES PROGRAM: THE FIRST YEAR. *N.H. Audubon Annu.* p. 2-7. 1981. WR 182

81-004798 Stace-Smith, Richard and others, editors. THREATENED AND ENDANGERED SPECIES AND HABITATS IN BRITISH COLUMBIA AND THE YUKON. *British Columbia Minist. Environ.* v + 302p. 1980. WR 182
[British Columbia Minist. Environ., Fish & Wildl. Branch, Victoria, British Columbia, Canada] Selected papers are listed in this issue of *Wildlife Review.*

81-004799 Tate, James, Jr. THE BLUE LIST FOR 1981. *Am. Birds* 35(1):3-10. Jan. 1981. WR 182
[7485 Quartz St., Golden, CO 80401] Annotated list of birds.

81-004800 Temple, Stanley A. APPLIED ISLAND BIOGEOGRAPHY AND THE CONSERVATION OF ENDANGERED ISLAND BIRDS IN THE INDIAN OCEAN. *Biol. Conserv.* 20(2):147-161. June 1981. WR 182
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706]

81-004801 Terborgh, John and Blair Winter. SOME CAUSES OF EXTINCTION. *In Conservation Biology: an Evolutionary-Ecological Perspective. M. E. Soule and B. A. Wilcox, editors. (Sinauer Associates, Inc.)* p. 119-133. 1980. From Ecol. Abstr. 1980/6:80L/8093. 1980. WR 182

81-004802 Weber, Wayne C. A PROPOSED LIST OF RARE AND ENDANGERED BIRD SPECIES FOR BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 160-182. 1980. WR 182
[30-9153 Saturna Dr., Burnaby, British Columbia, Canada V3J 7K1]

81-004803 Westing, Arthur H. and Carol E. Westing. ENDANGERED SPECIES AND HABITATS OF VIET NAM. *Environ. Conserv.* 8(1):59-62. 1981. WR 182
[Ecol., Hampshire Coll., Amherst, MA 01002]

WILDLIFE--INTRODUCTIONS

81-004804 Daciuk, Juan. NOTAS FAUNÍSTICAS Y BIOECOLÓGICAS DE PENÍNSULA VALDÉS Y PATAGONIA: IV. ESTADO ACTUAL DE LAS ESPECIES DE MAMÍFEROS INTRODUCIDOS EN LA SUBREGIÓN ARAUCANA (REP. ARGENTINA) Y GRADO DE COACCIÓN EJERCIDO EN ALGUNOS ECOSISTEMAS SURCORDILLERANOS. [FAUNISTIC AND BIOECOLOGICAL NOTES OF PENÍNSULA VALDÉS AND PATAGONIA. IV. PRESENT STATUS OF THE MAMMALS INTRODUCED IN THE ARAUCARIAN SUBREGION OF THE ARGENTINA.] *An. Parques Nac. (B. Aires)* 14:105-132. 1978. In Spanish with English summ. WR 182

81-004805 Jarvis, P. J. THE BIOGEOGRAPHY AND ECOLOGY OF INTRODUCED SPECIES. *Dep. Geogr. Univ. Birmingham Working Pap. Ser.* 1:1-40. 1980. From Ecol. Abstr. 1980/6:80L/7511. 1980. WR 182

81-004806 Kamstra, James. EXOTICS AND NATIVE FAUNA. *Trent Univ. Biol. Dep. Ecol. Bull.* 5(1):13-15. 1981. WR 182

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY

81-004807 Ali, M. A. ADAPTATIONS RÉTINIENNES AUX HABITATS. [RETINAL ADAPTATIONS TO VARIOUS HABITATS.] *Rev. Can. Biol.* 40(1):3-17. Mar. 1981. In French with English summ. WR 182
[Dep. Biol., Univ. Montréal, C. P. 6128, Succ. "A", Montréal, Québec, H3C 3J7 Canada] "Although all vertebrates are considered, emphasis placed on fishes."

81-004808 Colonnier, M. and J. O'Kusky. LE NOMBRE DE NEURONES ET DE SYNAPSES DANS LE CORTEX VISUEL DE DIFFÉRENTES ESPÈCES. [A REVIEW OF THE NUMBER OF NEURONS AND SYNAPSES IN THE VISUAL CORTEX OF DIFFERENT SPECIES.] *Rev. Can. Biol.* 40(1):91-99. Mar. 1981. In French with English summ. WR 182
[Lab. Neurobiol., Hôpital de l'Enfant-Jésus, Pavillon, Notre-Dame, 2075 Ave. Vitré, Québec, Québec, G1J 5B3 Canada]

81-004809 Coulson, Roland A. and J. D. Herbert. RELATIONSHIP BETWEEN METABOLIC RATE AND VARIOUS PHYSIOLOGICAL AND BIOCHEMICAL PARAMETERS. A COMPARISON OF ALLIGATOR, MAN AND SHREW. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):1-13. 1981. WR 182
[Dep. Biochem., La. State Univ. Med. Cent., 1100 Florida Ave., New Orleans 70119] *Alligator mississippiensis, Suncus etruscus,* and *Sorex cinereus.*

81-004810 Grazhdankin, A. V. [SKIN WATER LOSS IN DESERT BIRDS AND REPTILES.] *Zool. Zh.* 60(2):265-270. Feb. 1981. In Russian with English summ. WR 182
[All-Union Res. Inst. Nat. Conserv. & Reservations, Sadki-Znamenskoye, Moscow Region, USSR] Data for 5 spp. of birds and 5 spp. of lizards.

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-004811 Lindstedt, S. L. and W. A. Calder III. BODY SIZE, PHYSIOLOGICAL TIME, AND LONGEVITY OF HOMEOTHERMIC ANIMALS. *Q. Rev. Biol.* 56(1):1-16. Mar. 1981. WR 182
[Dep. Zool. & Physiol., Univ. Wyo., Laramie 82071]

81-004812 Manning, Margaret J. A COMPARATIVE VIEW OF THE THYMUS IN VERTEBRATES. *J. Anat.* 132(3):439-440. May 1981. Abstract only. WR 182
[Dep. Zool., Univ. Hull, Hull, England] "A thymus occurs in all jawed animals."

81-004813 Nishikimi, M.; N. Yamauchi; K. Kiuchi and K. Yagi. HOMOLOGY OF L-GULONOLACTONE OXIDASE OF SPECIES BELONGING TO MAMMALIA, AVES, AND AMPHIBIA. *Experientia (Basel)* 37(5):479-480. 15 May 1981. WR 182
[Dep. Med. Chem., Kochi Med. School, Nankoku 781-51 Japan]

81-004814 Repérant, J.; N. P. Vesselkin; J. P. Rio; T. V. Ermakova; D. Miceli; J. Peyrichoux and C. Weidner. LA VOIE VISUELLE CENTRIFUGE N'EXISTE-T-ELLE QUE CHEZ LES OISEAUX? [DO CENTRIFUGAL VISUAL PATHWAYS EXIST ONLY IN BIRDS?] *Rev. Can. Biol.* 40(1):29-46. Mar. 1981. In French with English summ. WR 182
[Lab. Neuromorphol., INSERM U-106, Hôpital Foch, Suresnes, 92150 France]

81-004815 Whybrow, Peter J. EVIDENCE FOR THE PRESENCE OF NASAL SALT GLANDS IN THE HADROSAURIDAE (ORNITHISCHIA). *J. Arid Environ.* 4(1):43-57. Mar. 1981. WR 182
[Dep. Palaeontol., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

WILDLIFE--BEHAVIOR

81-004816 Addicott, John F. STABILITY PROPERTIES OF 2-SPECIES MODELS OF MUTUALISM: SIMULATION STUDIES. *Oecologia (Berl.)* 49(1):42-49. May 1981. WR 182
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, T6G 2E9 Canada]

81-004817 Beckel, Annamarie L. INTERACTIONS BETWEEN BALD EAGLES AND NORTH AMERICAN RIVER OTTERS. *Passenger Pigeon* 43(1):3-4. 1981. WR 182
[Dep. Ecol. & Behav. Biol., 108 Zool., Univ. Minn., Minneapolis 55455] *Haliaeetus leucocephalus* and *Lutra canadensis*.

81-004818 Bettesworth, Derek. CHATHAM ISLAND PIGEON AND POSSUM SHARE FOOD. *Notornis* 28(1):33. Mar. 1981. WR 182
[c/o Post Office, Omapere, Northland, New Zealand] *Hemiphaga novaeseelandiae chathamensis* and *Trichosurus vulpecula* in New Zealand.

81-004819 Carlisle, Tamsie R. ALTRUISM BETWEEN IN-LAWS: SOME PREDICTIONS FROM KIN-SELECTION THEORY. *Behav. Ecol. Sociobiol.* 8(2):157-159. Apr. 1981. WR 182
[Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106]

WILDLIFE--BEHAVIOR (CONTINUED)

81-004820 Herbers, Joan M. TIME RESOURCES AND LAZINESS IN ANIMALS. *Oecologia (Berl.)* 49(2):253-262. May 1981. WR 182
[Dep. Zool., Univ. Vt., Burlington 05405]

81-004821 Hinde, Robert A. ANIMAL SIGNALS: ETHOLOGICAL AND GAMES-THEORY APPROACHES ARE NOT INCOMPATIBLE. *Anim. Behav.* 29(2):535-542. May 1981. WR 182
[M.R.C. Unit., Dev. & Integration of Behaviour, Madingley, Cambridge CB3 8AA, England] Review paper.

81-004822 Penzhorn, B. L. ASSOCIATION BETWEEN BIRDS AND MOUNTAIN ZEBRAS. *Ostrich* 52(1):63-64. Mar. 1981. WR 182
[180 Anderson St., Brooklyn, Pretoria, South Africa 0181] *Equus zebra* and several species of birds.

81-004823 Rubenstein, Daniel I. and Richard W. Wrangham. WHY IS ALTRUISM TOWARDS KIN SO RARE? *Z. Tierpsychol.* 54(4):381-387. 1980. In English with German summ. WR 182
[Biol. Dep., Princeton Univ., Princeton, NJ 08544]

81-004824 Stutterheim, C. J. CLEANING SYMBIOSIS INVOLVING PIED CROWS AND WHITE RHINO. *Lammergeyer* No. 30. p. 61. Oct. 1980. WR 182
[Rand Afrikaans Univ., Johannesburg, 2000 South Africa] *Corvus albus* and *Ceratotherium simum* in South Africa.

81-004825 Stutterheim, C. J. SYMBIONT SELECTION OF REDBILLED OXPECKER IN THE HLUHLUWE-UMFOLOZI GAME RESERVE COMPLEX. *Lammergeyer* No. 30. p. 21-25. Oct. 1980. WR 182
[Dep. Zool., Rand Afrikaans Univ., P.O. Box 524, Johannesburg, 2000 South Africa] *Buphagus erythrorhynchus* in South Africa.

81-004826 Wrangham, Richard W. FEMALE CHOICE OF LEAST COSTLY MALES; A POSSIBLE FACTOR IN THE EVOLUTION OF LEKS. *Z. Tierpsychol.* 54(4):357-367. 1980. In English with German summ. WR 182
[Low Buston, Warkworth, Morpeth, Northumberland NE65 0XY, England] *Centrocercus urophasianus, Hypsignathus monstrosus* and *Kobus (Adenota) kob.*

WILDLIFE--POPULATION DYNAMICS

81-004827 Baker, James A. and Ronald J. Brooks. DISTRIBUTION PATTERNS OF RAPTORS IN RELATION TO DENSITY OF MEADOW VOLES. *Condor* 83(1):42-47. Feb. 1981. WR 182
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1] *Buteo jamaicensis, B. lagopus*, and *Microtus pennsylvanicus* in Canada.

81-004828 Łomnicki, Adam. GROUP SELECTION AND SELF-REGULATION IN ANIMAL POPULATIONS. *Ekol. Pol.* 28(4):543-555. 1980. In English with Polish summ. WR 182

WILDLIFE--POPULATION DYNAMICS (CONTINUED)

81-004828 CONTINUED
[Inst. Environ. Biol., Jagiellonian Univ., Karasia 6, 30-060 Cracow, Poland]

81-004829 Leigh, Egbert Giles, Jr. THE AVERAGE LIFETIME OF A POPULATION IN A VARYING ENVIRONMENT. *J. Theor. Biol.* 90(2):213-239. 21 May 1981. WR 182
[Smithsonian Trop. Res. Inst., Balboa, Panamá]

WILDLIFE--PESTICIDES AND POLLUTION

81-004830 Flickinger, Edward L. WILDLIFE MORTALITY AT PETROLEUM PITS IN TEXAS. *J. Wildl. Manage.* 45(2):560-564. Apr. 1981. WR 182
[Patuxent Wildl. Res. Cent., Gulf Coast Field Stn., Victoria, TX 77901]

81-004831 Lincer, Jeffrey L.; Deena Zalkind; Leslie H. Brown and John Hopcraft. ORGANOCHLORINE RESIDUES IN KENYA'S RIFT VALLEY LAKES. *J. Appl. Ecol.* 18(1):157-171. Apr. 1981. WR 182
[P.O. Box 8, Sarasota, FL 33578]

81-004832 Marchal-Segault, D. and F. Ramade. THE EFFECTS OF LINDANE, AN INSECTICIDE, ON HATCHING AND POSTEMBRYONIC DEVELOPMENT OF *XENOPUS LAEVIS* (DAUDIN) ANURAN AMPHIBIAN. *Environ. Res.* 24(2):250-258. Apr. 1981. WR 182
[Lab. Zool., Univ. Paris-Sud, Bâtiment 442, 91405 Orsay Cedex, France]

81-004833 Marking, L. L. and J. H. Chandler, Jr. TOXICITY OF SIX BIRD CONTROL CHEMICALS TO AQUATIC ORGANISMS. *Bull. Environ. Contam. Toxicol.* 26(6):705-716. June 1981. WR 182
[Natl. Fishery Res. Lab., P.O. Box 818, La Crosse, WI 54601]

81-004834 Nagel, Roland and Klaus Urich. ELIMINATION AND DISTRIBUTION OF DIFFERENT SUBSTITUTED PHENOLS BY FROG (*RANA TEMPORARIA*) AND CRAYFISH (*ASTACUS LEPTODACTYLUS*). *Bull. Environ. Contam. Toxicol.* 26(3):289-294. 1981. WR 182
[Dep. Zool., Johannes Gutenberg-Univ. Mainz, Saarstraße 21, D-6500 Mainz, West Germany]

81-004835 Wójcik, Włodzimierz. ESTIMATION OF CONTAMINATION OF SMALL GAME BY HEAVY METALS IN THE REGION OF COPPER WORKS. *Ekol. Pol.* 28(4):601-614. 1980. In English with Polish summ. WR 182
[Dep. Ecol., Bioenergetics, Inst. Ecol., Polish Acad. Sci., Dziekanów Leśny (near Warsaw) 05-Łomianki, Poland] *Lepus europaeus* and *Perdix perdix*.

WILDLIFE--PARASITES AND DISEASES

81-004836 Priemer Jürgen. FUNDE VON BANDWURMLARVEN DER GATTUNG *MESOCESTOIDES* (TETRATHYRIDIEN) IM TIERPARK BERLIN. [RECOVERY OF TAPEWORM LARVAE OF THE GENUS *MESOCESTOIDES* (CYCLOPHYLLIDEA) IN THE BERLIN ZOO.]

WILDLIFE--PARASITES AND DISEASES (CONTINUED)

81-004836 CONTINUED *Milu* 5(1/2):252-260. 1980. In German with English summ. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany] Hosts: *Elaphe schrencki, Boiga cyanea, Agkistrodon rhodostoma, Macaca sylvana* and *Cereopithecus aethiops.*

81-004837 Schröder, Hans-Dieter. EPIZOOTIOLOGISCHE UNTERSUCHUNGEN ZU DEN SALMONELLOSEN DER ZOOTIERE. [EPIZOOTIOLOGICAL INVESTIGATIONS OF SALMONELLOSIS IN ZOO ANIMALS.] *Milu* 5(1/2):289-292. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136, East Germany]

81-004838 Schmidt, Robert E. and John D. Toft II. OPHTHALMIC LESIONS IN ANIMALS FROM A ZOOLOGIC COLLECTION. *J. Wildl. Dis.* 17(2):267-275. Apr. 1981. WR 182
[Vet. Sci. Div., USAF School Aerospace Med., Brooks AFB, TX 78235] Thirty-six animals, including 24 birds, 10 mammals, 1 reptile and 1 fish had one or more ophthalmic lesion.--From abstr.

81-004839 Spasskii, A. A. MAIN BIOGEOCENOLOGICAL GROUPS OF CESTODES AND THEIR SUCCESSION. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR)* 254(1-6):525-526. Mar. 1981. Translated from Dokl. Akad. Sci. SSSR 254(6):1509-1510. Oct. 1980. WR 182
[Inst. Zool. & Physiol., Acad. Sci. Moldavian SSR, Kishinev, USSR] Hosts: vertebrates.

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

81-004840 Baudoin, Gérard. PRÉDATION DE L'HIRONDELLE DE RIVAGE *RIPARIA RIPARIA* PAR UNE HERMINE *MUSTELA ERMINEA.* [PREDATION UPON THE SAND MARTIN *RIPARIA RIPARIA* BY AN ERMINE *MUSTELA ERMINEA.*] *Alauda* 48(2-3):153-154. Sept. 1980. In French. WR 182
[Group Ornithol. Parisien, Lab. Faune Sauvage, CNRZ, 78350 Jouy en Josas, France]

81-004841 Gruber, Steve. THE YELLOW SNAKE - THREAT TO JAMAICA'S PARROTS? *Gosse Bird Club Broadsheet* No. 35. p. 3-4. Sept. 1980. WR 182
[City Univ. New York, New York, NY] *Epicrates gruber, Amazona agilis, A. collaria* and *A. nana.*

81-004842 Kirk, John A. LESSER SCAUP CAPTURED BY SNAPPING TURTLE. *Bull. Okla. Ornithol. Soc.* 14(2):14-15. June 1981. WR 182
[Salt Plains Natl. Wildl. Refuge, Route 1, Box 76, Jet, OK 73749] *Aythya affinis* and *Chelydra serpentina* in Oklahoma.

81-004843 Kruuk, Hans and Howard Snell. PREY SELECTION BY FERAL DOGS FROM A POPULATION OF MARINE IGUANAS (*AMBLYRHYNCHUS CRISTATUS*). *J. Appl. Ecol.* 18(1):197-206. Apr. 1981. WR 182
[Inst. Terrestrial Ecol., Banchory, Scotland] *Canis familiaris.*

81-004844 Maxson, George-Ann D. ARBOREAL NEST PREDATION BY A BULLSNAKE. *Loon* 53(1):61-62. 1981. WR 182
[Cedar Creek Nat. Hist. Area, 2660 Fawn Lake Dr. N.E., Bethel, MN 55055] *Pituophis melanoleucus* vs. several species of birds.

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

81-004845 Moors, P. J. PREDATION BY MAMMALS ON EGGS AND NESTLINGS OF NATIVE AND INTRODUCED BIRDS IN KOWHAI BUSH, KAIKOURA. *N.Z. J. Ecol.* 3:160-161. 1980. WR 182
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]

81-004846 Morrison, Kim. STOAT WITH KIWI CHICK. *Notornis* 28(1):56. Mar. 1981. WR 182
[Fiordland Natl. Park, Box 29, Te Anau, New Zealand] *Mustela erminea* and *Apteryx australis australis* in New Zealand.

81-004847 Popple, Beryl. THE DIAMOND PYTHON, A PREDATOR OF THE PIED CURRAWONG. *Aust. Birds* 15(3):53. Mar. 1981. WR 182
[34 Adeline St., Faulconbridge New, South Wales, Australia] *Morelia spilotes* and *Strepera graculina*.

81-004848 Smith, Dwight G.; Joseph R. Murphy and Neil D. Woffinden. RELATIONSHIPS BETWEEN JACKRABBIT ABUNDANCE AND FERRUGINOUS HAWK REPRODUCTION. *Condor* 83(1):52-56. Feb. 1981. WR 182
[Biol. Dep., Southern Conn. State Coll., New Haven 06515] *Lepus californicus* and *Buteo regalis* in Utah.

81-004849 VanWagenen, Robert F.; Michael S. Foster and Frank Burns. SEA OTTER PREDATION ON BIRDS NEAR MONTEREY, CALIFORNIA. *J. Mammal.* 62(2):433-434. 21 May 1981. WR 182
[Moss Landing Marine Lab., P.O. Box 223, Moss Landing, CA 95039] *Enhydra lutris*.

81-004850 Whateley, A. LION KILLS CROCODILE. *Lammergeyer* No. 30. p. 61-62. Oct. 1980. WR 182
[Natal Parks Board, P.O. Box 25, Mtubatuba, 3935 South Africa] *Panthera leo* and *Crocodylus niloticus* in South Africa.

HUNTING--AREAS AND PROBLEMS

81-004851 Schildman, George; Frank Andelt and Jim Brunner. NEBRASKA TRAPPING. *Nebr. Game Parks Comm.* 86p. 1980. WR 182
[Nebr. Game & Parks Comm., P.O. Box 30370, Lincoln 68503]

81-004852 Sizer, Bill. EXAMINING THE SPORTSMAN'S IMAGE. *Oreg. Wildl.* 36(6):3-6. June 1981. WR 182
[Ariz. Game & Fish Dep., Phoenix]

LAWS/LAW ENFORCEMENT

81-004853 Kruckenberg, Larry L. POACHING: IS IT A SERIOUS PROBLEM IN NORTH DAKOTA? *N.D. Outdoors* 43(9):6-9. Mar. 1981. WR 182

WILDLIFE--HARVEST AND HUNTING STATISTICS

81-004854 Langenau, E. E., Jr. and J. M. Aldrich. IMMIGRATION, EMIGRATION, AND RETURN RATES AMONG FIREARM DEER HUNTERS IN NORTHERN LOWER MICHIGAN. *J. Wildl. Manage.* 45(2):314-322. Apr. 1981. WR 182
[Mich. Dep. Nat. Resour., Rose Lake Wildl. Res. Cent., East Lansing 48823]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL

81-004855 Adamcik, Robert S. PERSPECTIVA ECONOMICA DE LA INVESTIGACION EN VIDA SILVESTRE EN CHILE. [ECONOMIC PERSPECTIVE OF WILDLIFE MANAGEMENT IN CHILE.] *Medio Ambiente* 4(2):14-17. 1980. In Spanish. WR 182

81-004856 Ajayi, S. S.; K. R. N. Milligan; J. S. O. Ayeni and T. A. Afolayan. A MANAGEMENT PROGRAMME FOR KWIAMBANA GAME RESERVE, SOKOTO STATE, NIGERIA. *Biol. Conserv.* 20(1):45-57. May 1981. WR 182
[Dep. For. Resour. Manage., Univ. Ibadan, Ibadan, Nigeria]

81-004857 Brink, V. C. THE ROLE OF NON-GOVERNMENT ORGANIZATIONS WHOSE INTERESTS BEAR ON THE SUBJECT OF THREATENED SPECIES AND THREATENED HABITATS IN BRITISH COLUMBIA AND THE YUKON. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 282-284. 1980. WR 182
[4135 W. 16th Ave., Vancouver, British Columbia V6R 3E4, Canada]

81-004858 Faaborg, John. POTENTIAL USES AND ABUSES OF DIVERSITY CONCEPTS IN WILDLIFE MANAGEMENT. *Trans. Mo. Acad. Sci.* 14:41-49. 1980. WR 182
[Div. Biol. Sci., Univ. Mo., Columbia]

81-004859 Rieck, W. JAGDWISSENSCHAFTLICH-WILDKUNDLICHE EINRICHTUNGEN ZUR ZEIT DES REICHSJAGDGESETZES (1934-1945). [HUNTING AND GAME SCIENCE AND RESEARCH ESTABLISHMENTS AT THE TIME OF THE REICH GAME LAW (1934-1945).] *Z. Jagdwiss.* 27(1):1-32. Mar. 1981. In German with French and English summ. WR 182
[Inst. Wildbiol. & Jagdkunde, Univ. Göttingen, Göttingen, West Germany]

81-004860 Schuerholz, Geotz. EL MARCO LEGAL PARA MANEJO DE VIDA SILVESTRE. [THE LEGAL FRAMEWORK FOR MANAGEMENT OF WILDLIFE.] *Medio Ambiente* 4(2):5-13. 1980. In Spanish. WR 182

81-004861 Vikberg, Pentti. KOKEMUKSIA OULUN LÄÄNIN RIISTAPELLOISTA. [GAME FIELDS IN NORTHERN FINLAND.] *Suomen Riista* 28:97-99. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland]

WILDLIFE--MANAGEMENT--NONGAME

81-004862 Beyer, Richard H. NONGAME WILDLIFE CONSERVATION: A STEP BEYOND ENDANGERED SPECIES. *N.H. Audubon Annu.* p. 23-26. 1980. WR 182

WETLANDS AND WILDLIFE

81-004863 Carey, Robert C.; Paul S. Markovits and James B. Kirkwood. PROCEEDINGS U.S. FISH AND WILDLIFE SERVICE WORKSHOP ON COASTAL ECOSYSTEMS OF THE SOUTHEASTERN UNITED STATES. A COMPILATION OF SEMINARS, DISCUSSIONS, PAPERS AND BIOLOGICAL SUMMARIES PRESENTED AT BIG PINE KEY, FLORIDA 18-22 FEBRUARY 1980. *U.S. Fish Wildl. Serv.* FWS/OBS-80/59. vii + 257p. Feb. 1981. WR 182
[Bur. Educational Res. & Field Serv., Mont. State Univ., Bozeman 59717]

81-004864 Davis, Gary E. ON THE ROLE OF UNDERWATER PARKS AND SANCTUARIES IN THE MANAGEMENT OF COASTAL RESOURCES IN THE SOUTHEASTERN UNITED STATES. *Environ. Conserv.* 8(1):67-70. 1981. WR 182
[U.S. Natl. Park Serv., South Fla. Res. Cent., Everglades Natl. Park, Homestead 33030]

81-004865 Flake, Lester D. and Paul A. Vohs, Jr. IMPORTANCE OF WETLAND TYPES TO DUCK PRODUCTION AND TO NON-GAME BIRD POPULATIONS. COMPLETION REPORT. *S.D. State Univ. Dep. Wildl. Fish.* 54p. 1979. From Ecol. Abstr. 1980/5:80L/6872. 1980. WR 182

81-004866 Langslow, Derek R. THE CONSERVATION OF INTERTIDAL AREAS IN BRITAIN. *Wader Study Group Bull.* No. 31. p. 18-22. Apr. 1981. WR 182
[Nat. Conserv. Council, Godwin House, George St., Huntingdon, Cambridgeshire, England]

81-004867 Simpson, Thomas Randolph. THE INFLUENCE OF NUTRIA ON AQUATIC VEGETATION AND WATERFOWL IN EAST TEXAS. *Ph.D. dissertation, Tex. A&M Univ.* 64p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3678. Apr. 1981. WR 182
Myocastor coypus.

81-004868 Torrey, Deborah S. and Charles M. Kirkpatrick. PRE- AND POST-TREATMENT RESULTS OF AQUATIC HERBICIDE APPLICATION AT PURDUE WILDLIFE AREA. *Proc. Indiana Acad. Sci.* 89:145-146. 1980. Abstract only. WR 182
[Dep. Forestry, Purdue Univ., West Lafayette, IN 47907] Effects upon waterfowl and muskrats.

FORESTS AND WILDLIFE

81-004869 Dzięciołowski, Ryszard. IMPACT OF DEER BROWSING UPON FOREST REGENERATION AND UNDERGROWTH. *Ekol. Pol.* 28(4):583-599. 1980. In English with Polish summ. WR 182

FORESTS AND WILDLIFE (CONTINUED)

81-004869 CONTINUED
[Forest Res. Inst., Wery Kostrzewy 3, 00-978 Warsaw, Poland]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS

81-004870 Bollingmo, Tor. REIRFOTOGRAFERING--HVA SKAL VÆRE TILLATT? [HOW RESTRICTIVE SHOULD ONE BE WITH REGARD TO THE PHOTOGRAPHING OF BIRDS ON THEIR NESTS?] *Vår Fuglefauna* 2(2):121-124. 1979. In Norwegian with English summ. WR 182
Courtesy/Jon Swenson.

81-004871 Canadian Land Reclamation Association. PROCEEDINGS CANADIAN LAND RECLAMATION ASSOCIATION, FOURTH ANNUAL MEETING, AUGUST 13 TO 15 1979, REGINA, SASKATCHEWAN, CANADA. *Canadian Land Reclamation Assoc.* 4:1-283. 1979. From Ecol. Abstr. 1980/5:80L/7299. 1980. WR 182
[P.O. Box 682, Guelph, Ontario, Canada N1H 6L3]

81-004872 Ferns, P. N. IMPLICATIONS OF THE SEVERN BARRAGE. *Wader Study Group Bull.* No. 31. p. 7. Apr. 1981. Abstract only. WR 182
[Dep. Zool., Univ. Coll., P.O. Box 78, Cardiff CF1 1XL, Wales]

81-004873 Harbron, Steven Lee. THE RELATIONSHIP BETWEEN ADJACENT RESIDENTIAL DEVELOPMENT AND BREEDING BIRD POPULATIONS. *Ph.D. dissertation, Western Mich. Univ.* 146p. 1981. From Diss. Abstr. Int. B Sci. Eng. 41(11):3995. May 1981. WR 182

81-004874 Huntley, Jimmy Charles. EFFECTS OF UTILITY RIGHTS OF WAY MAINTENANCE UPON VEGETATION AND WILDLIFE HABITAT. *Ph.D. dissertation, Miss. State Univ.* 161p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3996. May 1981. WR 182

81-004875 Kerlinger, Paul and Craig Doremus. HABITAT DISTURBANCE AND THE DECLINE OF DOMINANT AVIAN SPECIES IN PINE BARRENS OF THE NORTHEASTERN UNITED STATES. *Am. Birds* 35(1):16-20. Jan. 1981. WR 182
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

81-004876 Laursen, Karsten. BIRDS ON ROADSIDE VERGES AND THE EFFECT OF MOWING ON FREQUENCY AND DISTRIBUTION. *Biol. Conserv.* 20(1):59-68. May 1981. WR 182
[Game Biol. Stn., Kalø, DK-8410 Rønde, Denmark]

81-004877 Lemmetyinen, Risto. VESI- JA LOKKILINTUJEN KANNANMUUTOKSISTA GULLKRONAN SELÄLLÄ, TURUN SAARISTOSSA VUOSINA 1948-1977. [CHANGES IN THE NUMBERS OF GULLS AND WATERFOWL SPECIES NESTING IN THE ARCHIPELAGO OF SOUTHWESTERN FINLAND IN 1948-1977.] *Suomen Riista* 28:42-48. 1980. In Finnish with English summ. WR 182
[Dep. Zool., Inst. Biol., Univ. Turku, SF-20500 Turku 50, Finland]

81-004878 Lochman, Josef and Eva Bendová. NÁVRH OPATŘENÍ VRÁMCI BIOLOGICKÉ OCHRANY LESNÍCH KULTUR A POROSTŮ VOBLASTI KRUŠNÝCH HOR. [PROPOSED MEASURES WITHIN THE FRAMEWORK OF BIOLOGICAL

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

81-004878 CONTINUED PROTECTION OF FOREST PLANTATIONS AND FOREST STANDS IN THE REGION OF THE ORE MOUNTAINS (KRUŠNÉ HORY MOUNTAINS).] *Práce Vúlhm* 57:169-182. 1980. In Czech with Russian and English summ. WR 182

81-004879 Maehr, David S. BIRD USE OF A NORTH-CENTRAL FLORIDA PHOSPHATE MINE. *Fla. Field Nat.* 9(2):28-32. May 1981. WR 182
[Wildl. Res. Lab., Fla. Game & Fresh Water Fish Comm., Gainesville 32601]

81-004880 Maki, T. E.; A. J. Weber; D. W. Hazel; S. C. Hunter; B. T. Hyberg; D. M. Flinchum; J. P. Lollis; J. B. Rognstad and J. D. Gregory. EFFECTS OF STREAM CHANNELIZATION ON BOTTOMLAND AND SWAMP FOREST ECOSYSTEMS. *Water Resour. Res. Inst. Univ. N.C. Rep.* no. 147. xviii + 135p. Aug. 1980. Available at $8.00 from Water Resources Research Institute, University of North Carolina, 124 Riddick Bldg., Raleigh, North Carolina 27650. WR 182
Includes a chapter entitled Evaluation of channelized and nonchannelized basins for suitability of wildlife habitat.

81-004881 Maurer, Brian A.; Laurence B. McArthur and Robert C. Whitmore. EFFECTS OF LOGGING ON GUILD STRUCTURE OF A FOREST BIRD COMMUNITY IN WEST VIRGINIA. *Am. Birds* 35(1):11-13. Jan. 1981. WR 182
[Coll. Agric., Univ. Ariz., Tucson 85721]

81-004882 McArthur, Laurence Barrett. THE IMPACT OF VARIOUS FOREST MANAGEMENT PRACTICES ON PASSERINE COMMUNITY STRUCTURE. *Ph.D. dissertation, W. Va. Univ.* 129p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4324. June 1981. WR 182

81-004883 O'Meara, Timothy E.; Jonathan B. Haufler; Lavern H. Stelter and Julius G. Nagy. NONGAME WILDLIFE RESPONSES TO CHAINING OF PINYON-JUNIPER WOODLANDS. *J. Wildl. Manage.* 45(2):381-389. Apr. 1981. WR 182
[School For. Resour. & Conserv., Univ. Fla., Gainesville 32611]

81-004884 Skagen, Susan K. BEHAVIORAL RESPONSES OF WINTERING BALD EAGLES TO HUMAN ACTIVITY ON THE SKAGIT RIVER, WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 231-241. 1980. WR 182
[Biol. Dep., Western Wash. Univ., Bellingham 98225] *Haliaeetus leucocephalus.*

81-004885 Smalley, A. E. EFFECT OF MANGROVE MORTALITY ON COLONIAL NESTING BIRDS. *Proc. La. Acad. Sci.* 43:184. 1980. Abstract only. WR 182
[Tulane Univ., New Orleans, LA]

81-004886 Spofford, Walter O., Jr.; Alfred L. Parker and Allen V. Kneese, editors. ENERGY DEVELOPMENT IN THE SOUTHWEST. PROBLEMS OF WATER, FISH AND WILDLIFE IN THE UPPER COLORADO RIVER BASIN. *Resources for the Future. Res. Pap. R-18* Vol. I. xliii + 523p. Vol. II. xv + 541p. Dec. 1980. $25.00 paper. The Johns Hopkins University Press, Baltimore, MD 21218. WR 182
Two-volume set dealing with energy development in the Southwest.

81-004887 Takahashi, Shunjo. [CHANGES IN THE DISTRIBUTION OF THE JAPANESE BLACK BEAR IN THE WEST CHUGOKU MOUNTAINS IN RELATION TO CHANGES OF VEGETATION.] *Geogr. Rev. Jpn.* 52(11):635-642. 1979. From Ecol. Abstr.

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

81-004887 CONTINUED 1980/5:80L/6959. 1980. In Japanese with English summ. WR 182
Selenarctos thibetanus japonicus.

81-004888 U.S. Fish and Wildlife Service. BIOLOGICAL EVALUATION OF ENVIRONMENTAL IMPACTS: PROCEEDINGS OF A SYMPOSIUM AT THE 1976 MEETING OF THE ECOLOGICAL SOCIETY OF AMERICA, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES. *U.S. Fish Wildl. Serv.* FWS/OBS-80/26. iv + 237p. June 1980. From Monthly Catalog of U.S. Government Publications 81-3677. Apr. 1981. WR 182

MAMMALS--GENERAL

81-004889 Genoways, Hugh H. and Duane A. Schlitter. COLLECTIONS OF RECENT MAMMALS OF THE WORLD, EXCLUSIVE OF CANADA AND THE UNITED STATES. *Ann. Carnegie Mus.* 50(3):47-80. 14 Apr. 1981. WR 182
[Section Mammals, Carnegie Mus. Nat. Hist., 4400 Forbes Ave., Pittsburgh, PA 15213]

81-004890 Stoddart, D. Michael. ECOLOGY OF SMALL MAMMALS. *Chapman & Hall* 386p. 1979. From Ecol. Abstr. 1980/6:80L/8342. 1980. Price £15.00. WR 182

MAMMALS--TECHNIQUES

81-004891 Smith, Gary C.; John B. Gentry; Donald W. Kaufman and Michael H. Smith. FACTORS AFFECTING DISTRIBUTION AND REMOVAL RATES OF SMALL MAMMALS IN A LOWLAND SWAMP FOREST. *Acta Theriol.* 25(5):51-59. 1980. In English with Polish summ. WR 182
[Huxley Coll. Environ. Studies, Western Wash. Univ., Bellingham 98225]
Ochrotomys nuttalli, Peromyscus gossypinus and *Blarina brevicauda.*

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS

81-004892 Andre, John B. HABITAT USE AND RELATIVE ABUNDANCE OF THE SMALL MAMMALS OF A SOUTH CAROLINA BARRIER ISLAND. *Brimleyana* No. 5. p. 129-134. July 1981. WR 182
[U.S. Fish & Wildl. Serv., P.O. Box 87, Kilauea, Kauai, HI 96754]

81-004893 Blackwell, R. HOME RANGE STUDIES OF SMALL MAMMALS IN NORTHWESTERN LOUISIANA. *Proc. La. Acad. Sci.* 43:181. 1980. Abstract only. WR 182
[La. State Univ., Shreveport]

81-004894 Damuth, John. HOME RANGE, HOME RANGE OVERLAP, AND SPECIES ENERGY USE AMONG HERBIVOROUS MAMMALS. *Biol. J. Linn. Soc.* 15(3):185-193. May 1981. WR 182

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS (CONTINUED)

81-004894 CONTINUED
[Comm. Evol. Biol., Univ. Chicago, 1103 E. 57th St., Chicago, IL] Data for 18 spp.

81-004895 Daxner-Höck, Gudrun. RODENTIA (MAMMALIA) DES EICHKOGELS BEI MÖDLING (NIEDERÖSTERREICH). I. SPALACINAE UND CASTORIDAE. II. ÜBERSICHT ÜBER DIE GESAMTE NAGETIERFAUNA. [RODENTIA (MAMMALIA) OF THE EICHKOGEL NEAL MÖDLING (AUSTRIA). I. SPALACINAE AND CASTORIDAE. II. REVIEW OF THE ENTIRE RODENT FAUNA.] *Ann. Naturhist. Mus. Wien* 83:135-152. Dec. 1980. In German with English summ. WR 182
[Inst. Geowissenschaft., Univ. Salzburg, Akademiestraße 26, A-5020 Salzburg, Austria]

81-004896 Dmitriev, P. P. [MATERIALS TO THE SMALL MAMMALS FAUNA OF KHANGAI STEPPES.] *Biol. Nauki (Mosc.)* 1980(6):56-61. 1980. In Russian. WR 182

81-004897 Goszczyński, Jacek. PENETRATION OF MAMMALS OVER URBAN GREEN SPACES IN WARSAW. *Acta Theriol.* 24(31):419-423. 1979. In English. WR 182
[Agric. Univ., Dep. Game Manage., Rakowiecka 26/39, 02-528 Warsaw, Poland]

81-004898 Gullan, Paul K. and Anthony C. Robinson. VEGETATION AND SMALL MAMMALS OF A VICTORIAN FOREST. *Aust. Mammal.* 3(2):87-95. May 1980. WR 182
[Natl. Herbarium, South Yarra, Victoria, Australia 3141]

81-004899 Hedlund, J. D. and W. H. Rickard. WILDFIRE AND THE SHORT-TERM RESPONSE OF SMALL MAMMALS INHABITING A SAGEBRUSH-BUNCHGRASS COMMUNITY *Nurrelet* 62(1):10-14. 1981. WR 182
[Ecol. Sci. Dep., Battelle Pacific Northwest Lab., Richland, WA 99352]

81-004900 Jaksić, Fabian M.; Jose L. Yáñez and Eduardo R. Fuentes. ASSESSING A SMALL MAMMAL COMMUNITY IN CENTRAL CHILE. *J. Mammal.* 62(2):391-396. 21 May 1981. WR 182
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

81-004901 Johnson, David H.; S. Dillon Ripley and Kitti Thonglongya. MAMMALS FROM NEPAL. *J. Bombay Nat. Hist. Soc.* 77(1):56-63. Apr. 1980. WR 182
[Ripley: Dep. Vertebr. Zool., Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

81-004902 Liu Jialong and Zhen Shuonan. QUATERNARY MAMMALIAN FAUNA FROM N. ANHUI AND A PRINCIPLE IN RELATION TO IT. *Sci. Sin.* 24(2):216-227. Feb. 1981. WR 182
[Huainan Coal Mining Inst., Huainan, China]

81-004903 Mares, Michael A.; Ricardo A. Ojeda and Mary Patricia Kosco. OBSERVATIONS ON THE DISTRIBUTION AND ECOLOGY OF THE MAMMALS OF SALTA PROVINCE, ARGENTINA. *Ann. Carnegie Mus.* 50(6):151-206. 14 Apr. 1981. WR 182
[Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA 15260]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS (CONTINUED)

81-004904 Mares, Michael A.; Michael R. Willig; Karl E. Streilein and Thomas E. Lacher, Jr. THE MAMMALS OF NORTHEASTERN BRAZIL: A PRELIMINARY ASSESSMENT. *Ann. Carnegie Mus.* 50(4):81-137. 14 Apr. 1981. WR 182
[Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA 15260]

81-004905 McKenzie, N. L. MAMMALS OF THE PHANEROZOIC SOUTH-WEST KIMBERLEY, WESTERN AUSTRALIA: BIOGEOGRAPHY AND RECENT CHANGES. *J. Biogeogr.* 8(4):263-280. July 1981. WR 182
[Western Australia Wildl. Res. Cent., P.O. Box 51, Wanneroo 6065, Australia]

81-004906 Meserve, Peter L. TROPHIC RELATIONSHIPS AMONG SMALL MAMMALS IN A CHILEAN SEMIARID THORN SCRUB COMMUNITY. *J. Mammal.* 62(2):304-314. 21 May 1981. WR 182
[Dep. Biol. Sci., Northern Ill. Univ., DeKalb 60115]

81-004907 Powell, Roger A. and William S. Brooks. SMALL MAMMAL CHANGES IN POPULATIONS FOLLOWING TORNADO BLOWDOWN IN NORTHERN MIXED FOREST. *J. Mammal.* 62(2):397-400. 21 May 1981. WR 182
[Dep. Zool., N.C. State Univ., Raleigh 27650]

81-004908 Ramirez, Pedro, Jr. and Maurice Hornocker. SMALL MAMMAL POPULATIONS IN DIFFERENT-AGED CLEARCUTS IN NORTHWESTERN MONTANA. *J. Mammal.* 62(2):400-403. 21 May 1981. WR 182
[Idaho Coop. Wildl. Res. Unit, Univ. Idaho, Moscow 83843]

81-004909 Rose, Robert K. and Richard McKean. HABITAT ASSOCIATIONS OF SMALL MAMMALS IN SOUTHWESTERN INDIANA. *Proc. Indiana Acad. Sci.* 89:432-439. 1980. WR 182
[Dep. Biol. Sci., Old Dominion Univ., Norfolk, VA]

81-004910 Ruffner, George A.; Nicholas J. Czaplewski and Steven W. Carothers. DISTRIBUTION AND NATURAL HSITORY OF SOME MAMMALS FROM THE INNER GORGE OF THE GRAND CANYON, ARIZONA. *Ariz.-Nev. Acad. Sci. J.* 13(3):85-91. 1978. From Ecol. Abstr. 1980/6:80L/8429. 1980. WR 182
Data on 31 spp.

81-004911 Takatsu, Akira. [MAMMALS OF THE OZEGAWA BASIN.] *In The Yasaka Gorge: Landscape and Environment, H. Iskhida and others, editors. (Joint Scientific Committee for Research, into the Yasaka Gorge Scenic Reserve, Dep. Geogr., Univ. Hiroshima)* p. 559-561. 1979. From Ecol. Abstr. 1980/6:80L/8438. 1980. In Japanese with English summ. WR 182

MAMMALS--MORPHOLOGY AND PHYSIOLOGY

81-004912 Castellini, Michael A.; George N. Somero and Gerald L. Kooyman. GLYCOLYTIC ENZYME ACTIVITIES IN TISSUES OF MARINE AND TERRESTRIAL MAMMALS. *Physiol. Zool.* 54(2):242-252. Apr. 1981. WR 182
[Scripps Inst. Oceanogr., Univ. Calif., San Diego, La Jolla 92093]

MAMMALS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-004913 Davis, Simon J. M. THE EFFECTS OF TEMPERATURE CHANGE AND DOMESTICATION ON THE BODY SIZE OF LATE PLEISTOCENE TO HOLOCENE MAMMALS OF ISRAEL. *Paleobiology* 7(1):101-114. 1981. WR 182
[Dep. Genetics, Royal Free Hospital School Med., 8 Hunter St., London WC1N 1BP, England]

81-004914 Economos, Angelos C. THE LARGEST LAND MAMMAL. *J. Theor. Biol.* 89(2):211-215. 21 Mar. 1981. WR 182
[Lab. Génétique, Univ. Catholique de Louvain, Louvain-la-Neuve, Belgium]

81-004915 Gehr, Peter; Deter K. Mwangi; Alex Ammann; Geoffrey M. O. Maloiy; C. Richard Taylor and Ewald R. Weibel. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. V. SCALING MORPHOMETRIC PULMONARY DIFFUSING CAPACITY TO BODY MASS: WILD AND DOMESTIC MAMMALS. *Respir. Physiol.* 44(1):61-86. Apr. 1981. WR 182
[Dep. Physiol., Harvard School Public Health, 665 Huntington Ave., Boston, MA 02115] African mammals.

81-004916 Hoppeler, Hans; Odile Mathieu; Ewald R. Weibel; Rudolf Krauer; Stan L. Lindstedt and C. R. Taylor. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. VIII. CAPILLARIES IN SKELETAL MUSCLES. *Respir. Physiol.* 44(1):129-150. Apr. 1981. WR 182
[Dep. Anat., Univ. Berne, Berne, Switzerland] African mammals.

81-004917 Jenkinson, D. McEwan. THE TOPOGRAPHY, CLIMATE AND CHEMICAL NATURE OF THE MAMMALIAN SKIN SURFACE. *Proc. R. Soc. Edinb. Sect. B Biol. Sci.* 79(1/3):3-22. 1980. WR 182
[Dep. Physiol., Hannah Res. Inst., Ayr, Scotland] Review paper.

81-004918 Jeong Sik Ko and Sang Yoon Park. [COMPARATIVE HISTOLOGICAL STUDY ON THE PARAFOLLICULAR CELLS OF MAMMALS.] *Kor. J. Zool.* 23(2):89-108. 1980. From Kor. Sci. Abstr. 13(1):13-14. Feb. 1981. In Korean. WR 182

81-004919 Lindholm, Jane S.; J. Michael McCormick, Sabin W. Colton VI and Donald T. Downing. VARIATION OF SKIN SURFACE LIPID COMPOSITION AMONG MAMMALS. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(1):75-78. 1981. WR 182
[Downing: Dep. Dermatol. Res. Labs, 270 Med. Lab., Univ. Iowa Coll. Med., Iowa City 52242] The skin surface lipids of 46 species of mammals were extracted from fur samples with chloroform and analysed by thin layer chromatography.--From abstr.

81-004920 Mace, Georgina M.; Paul H. Harvey and T. H. Clutton-Brock. BRAIN SIZE AND ECOLOGY IN SMALL MAMMALS. *J. Zool. (Lond.)* 193(3):333-354. Mar. 1981. WR 182
[Dep. Zool., The University, Newcastle-upon-Tyne, England]

81-004921 Maruyama, Takeo and Hirotami T. Imai. EVOLUTIONARY RATE OF THE MAMMALIAN KARYOTYPE. *J. Theor. Biol.* 90(1):111-121. 7 May 1981. WR 182
[Natl. Inst. Genetics, Mishima, Shizuokaken 411, Japan]

81-004922 Mathieu, Odile; Rudolf Krauer; Hans Hoppeler; Peter Gehr; Stan L. Lindstedt; R. McNeill Alexander; C. Richard Taylor and Ewald R. Weibel. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. VII. SCALING MITOCHONDRIAL

MAMMALS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-004922 CONTINUED VOLUME IN SKELETAL MUSCLE TO BODY MASS. *Respir. Physiol.* 44(1):113-128. Apr. 1981. WR 182
[Dep. Anat., Univ. Berne, Berne, Switzerland] African mammals.

81-004923 Matoltsy, A. Gedeon. COMMENT ON THE DEFENCE SYSTEM OF THE MAMMALIAN EPIDERMIS. *Proc. R. Soc. Edinb. Sect. B. Biol. Sci.* 79(1/3):23-24. 1980. WR 182
[Dep. Dermatol., Boston Univ. School Med., Boston, MA 02118]

81-004924 Moody, Michael. POLYMORPHISM WITH SELECTION AND GENOTYPE-DEPENDENT MIGRATION. *J. Math. Biol.* 11(3):245-267. Mar. 1981. WR 182
[Univ. Wis., Lab. Genetics, 509 Genetics Bldg., Madison 53706]

81-004925 Naumov, R. L.; V. V. Labzin and V. V. Khodchenko. [EVALUATION OF SIMILARITY FOR GROUPS OF SMALL MAMMALS IN WEST SAYAN.] *Zool. Zh.* 60(3):443-452. Mar. 1981. In Russian with English summ. WR 182
[Inst. Med. Parasitol. & Trop. Med., USSR Minist. Health, Moscow, USSR]

81-004926 Poczopko, Piotr. METABOLIC RATE AND BODY SIZE RELATIONSHIPS IN ADULT AND GROWING HOMEOTHERMS. *Acta Theriol.* 24(12):125-136. 1979. In English with Polish summ. WR 182
[Inst. Anim. Physiol. & Nutrition, Polish Acad. Sci., 05-110 Jabłonna, Warsaw, Poland]

81-004927 Renfree, Marilyn B. and J. H. Calaby. BACKGROUND TO DELAYED IMPLANTATION AND EMBRYONIC DIAPAUSE. *J. Reprod. Fert. Suppl.* No. 29. p. 1-9. 1981. WR 182
[School Environ. Life Sci., Murdoch Univ., Western Australia 6150, Australia]

81-004928 Schlafke, S.; A. C. Enders and R. L. Given. CYTOLOGY OF THE ENDOMETRIUM OF DELAYED AND EARLY IMPLANTATION WITH SPECIAL REFERENCE TO MICE AND MUSTELIDS. *J. Reprod. Fert. Suppl.* No. 29. p. 135-141. 1981. WR 182
[Dep. Human Anat., Univ. Calif., School Med., Davis 95616]

81-004929 Seeherman, Howard J.; C. Richard Taylor; Geoffrey M. O. Maloiy and Robert B. Armstrong. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. II. MEASURING MAXIMUM AEROBIC CAPACITY. *Respir. Physiol.* 44(1):11-23. Apr. 1981. WR 182
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

81-004930 Taylor, C. Richard and Ewald R. Weibel. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. I. PROBLEM AND STRATEGY. *Respir. Physiol.* 44(1):1-10. Apr. 1981. WR 182
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

81-004931 Taylor, C. Richard; Geoffrey M. O. Maloiy; Ewald R. Weibel; Vaughan A. Langman; John M. Z. Kamau; Howard J. Seeherman and Norman C. Heglund. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. III. SCALING MAXIMUM

MAMMALS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-004931 CONTINUED AEROBIC CAPACITY TO BODY MASS: WILD AND DOMESTIC MAMMALS. *Respir. Physiol.* 44(1):25-37. Apr. 1981. WR 182
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138] African mammals.

81-004932 Weibel, Ewald R.; C. Richard Taylor; Peter Gehr; Hans Hoppeler; Odile Mathieu and Geoffrey M. O. Maloiy. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. IX. FUNCTIONAL AND STRUCTURAL LIMITS FOR OXYGEN FLOW. *Respir. Physiol.* 44(1):151-164. Apr. 1981. WR 182
[Dep. Anat., Univ. Berne, Berne, Switzerland]

81-004933 Weibel, Ewald R.; Peter Gehr; Luis M. Cruz-Orive; Alfred E. Müller; Deter K. Mwangi and Virginia Haussener. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. IV. MORPHOMETRIC ESTIMATION OF PULMONARY DIFFUSING CAPACITY: CRITICAL EVALUATION OF A NEW SAMPLING METHOD. *Respir. Physiol.* 44(1):39-59. Apr. 1981. WR 182
[Dep. Anat., Univ. Berne, Berne, Switzerland]

MAMMALS--BEHAVIOR

81-004934 Espmark, Yngve. CHEMICAL COMMUNICATION IN MAMMALS. *Mem. Soc. Fauna Flora Fenn.* 57(1):4. 1981. Abstract only. WR 182
[Dep. Zool., Univ. Trondheim, N-7000 Trondheim, Norway]

81-004935 Ferns, P. N. ENERGY FLOW THROUGH SMALL MAMMAL POPULATIONS. *Mammal Rev.* 10(4):165-168. Dec. 1980. WR 182
[Dep. Zool., University College, Cathays Park, Cardiff, CF1 1XL Wales]

81-004936 George, Wilma and George Crowther. SPACE PARTITIONING BETWEEN TWO SMALL MAMMALS IN A ROCKY DESERT. *Biol. J. Linn. Soc.* 15(3):195-200. May 1981. WR 182
[Dep. Zool., Univ. Oxford, Oxford, England] *Petromus typicus* and *Procavia capensis*.

81-004937 Hall, S. DIEL ACTIVITY OF THREE SMALL MAMMALS COEXISTING IN FOREST IN SOUTHERN VICTORIA. *Aust. Mammal.* 3(2):67-79. May 1980. WR 182
[Dep. Zool., Monash Univ., Clayton, Victoria, Australia 3168] *Antechinus stuartii*, *A. swainsonii*, and *Rattus fuscipes assimilis*.

81-004938 Rogers, Lynn L. and L. David Mech. INTERACTIONS OF WOLVES AND BLACK BEARS IN NORTHEASTERN MINNESOTA. *J. Mammal.* 62(2):434-436. 21 May 1981. WR 182
[North Central Forest Exp. Stn., 1992 Folwell Ave., St. Paul, MN 55108] *Canis lupus* and *Ursus americanus*.

MAMMALS--POPULATION DYNAMICS

81-004939 Knyazev, A. V. [SECULAR CHANGES IN THE NUMBERS OF RODENTS AND PIKAS IN THE MIDMOUNTAIN STEPPES OF SOUTH KHANTAI.] *Zool. Zh.*

MAMMALS--POPULATION DYNAMICS (CONTINUED)

81-004939 CONTINUED 60(5):733-741. May 1981. In Russian with English summ. WR 182
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR] *Alticola argenteus* and *Ochotona pricei*.

MAMMALS--PESTICIDES AND POLLUTION

81-004940 Clark, Donald R., Jr. DEATH IN BATS FROM DDE, DDT OR DIELDRIN: DIAGNOSIS VIA RESIDUES IN CARCASS FAT. *Bull. Environ. Contam. Toxicol.* 26(3):367-374. Mar. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Tadarida brasiliensis, Eptesicus fuscus, Myotis lucifugus* and *M. grisescens*.

81-004941 Clark, Donald R., Jr. BATS AND ENVIRONMENTAL CONTAMINANTS: A REVIEW. *U.S. Fish Wildl. Serv. Spec. Sci. Rep.--Wildl.* No. 235. [i] + 27p. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811]

81-004942 Geluso, Kenneth N.; J. Scott Altenbach and Don E. Wilson. ORGANOCHLORINE RESIDUES IN YOUNG MEXICAN FREE-TAILED BATS FROM SEVERAL ROOSTS. *Am. Midl. Nat.* 105(2):249-257. Apr. 1981. WR 182
[Dep. Biol., Univ. Nebr., Omaha 68182] *Tadarida brasiliensis mexicana*.

81-004943 Mitjavila, S.; G. Carrera; R.-A. Boigegrain and R. Derache. I. EVALUATION OF THE TOXIC RISK OF DDT IN THE RAT: DURING ACCUMULATION. *Arch. Environ. Contam. Toxicol.* 10(4):459-469. July 1981. WR 182
[Inst. Natl. Sante Recherche Med., U-87, 2 rue François Magendie, 31400 Toulouse, France] *Rattus norvegicus*.

81-004944 Mitjavila, S.; G. Carrera and Y. Fernandez. II. EVALUATION OF THE TOXIC RISK OF ACCUMULATED DDT IN THE RAT: DURING FAT MOBILIZATION. *Arch. Environ. Contam. Toxicol.* 10(4):471-481. July 1981. WR 182
[Inst. Natl. Sante Recherche Med., U-87, 2 rue François Magendie, 31400 Toulouse, France] *Rattus norvegicus*.

81-004945 Ogilvie, D. M. and A. H. Martin. SPLENOMEGALY AND ADRENAL WEIGHT CHANGES IN ISOLATED ADULT MICE CHRONICALLLY EXPOSED TO LEAD. *Bull. Environ. Contam. Toxicol.* 26(5):647-651. May 1981. WR 182
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7]

81-004946 Rim Soon Choe; Young Hee Kang and Woon Soo Kim. [STUDIES ON THE INFLUENCE OF CERTAIN HEAVY METALS ON ACID PHOSPHATASE ACTIVITIES.] *Kor. J. Zool.* 23(2):69-76. 1980. From Kor. Sci. Abstr. 13(1):13. Feb. 1981. In Korean. WR 182
Mus musculus.

MAMMALS--PARASITES AND DISEASES

81-004947 Amundson, T. E. and T. M. Yuill. NATURAL LA CROSSE VIRUS INFECTION IN THE RED FOX (*VULPES FULVA*), GRAY FOX (*UROCYON CINEREOARGENTEUS*), RACCOON (*PROCYON LOTOR*), AND OPOSSUM (*DIDELPHIS VIRGINIANA*). *Am. J. Trop. Med. Hyg.* 30(3):706-714. May 1981. WR 182
[Dep. Vet. Sci., Univ. Wis., 1655 Linden Dr., Madison 53706]

81-004948 Betterton, Christine. ON THE MORPHOLOGICAL VARIATION OF *EUPARADISTOMUM* SPECIES (DIGENEA: DICROCOELIIDAE) FROM SMALL MAMMALS IN MALAYSIA. *J. Helminthol.* 54(4):241-245. Dec. 1980. WR 182
[Dep. Biol. Sci., Univ. Maiduguri, Maiduguri, Nigeria] Data for 7 spp.

81-004949 Bowen, G. S.; R. G. McLean; R. B. Shriner; D. B. Francy; K. S. Pokorny; J. M. Trimble; R. A. Bolin; A. M. Barnes; C. H. Calisher and D. J. Muth. THE ECOLOGY OF COLORADO TICK FEVER IN ROCKY MOUNTAIN NATIONAL PARK IN 1974. II. INFECTION IN SMALL MAMMALS. *Am. J. Trop. Med. Hyg.* 30(2):490-496. Mar. 1981. WR 182
[Cent. Dis. Control, U.S. Dep. Health, Education & Welfare, Fort Collins, CO 80522] Most important hosts: *Eutamias minimus* and *Spermophilus lateralis*.

81-004950 Fischthal, Jacob H. and Robert E. Kuntz. ADDITIONAL RECORDS OF DIGENETIC TREMATODES OF MAMMALS FROM TAIWAN. *Proc. Helminthol. Soc. Wash.* 48(1):71-79. Jan. 1981. WR 182
[Dep. Biol. Sci., State Univ. N.Y., Binghampton 13901]

81-004951 Lloyd, D. H. THE INHABITANTS OF THE MAMMALIAN SKIN SURFACE. *Proc. R. Soc. Edinb. Sect. B Biol. Sci.* 79(1/3):25-42. 1980. WR 182
[Dermatol. Unit., Dep. Med., Royal Veterinary Coll., London NW1 0TU, England]

81-004952 McLean, R. G.; D. B. Francy; G. S. Bowen; R. E. Bailey; C. H. Calisher and A. M. Barnes. THE ECOLOGY OF COLORADO TICK FEVER IN ROCKY MOUNTAIN NATIONAL PARK IN 1974. I. OBJECTIVES, STUDY DESIGN, AND SUMMARY OF PRINCIPAL FINDINGS. *Am. J. Trop. Med. Hyg.* 30(2):483-489. Mar. 1981. WR 182
[Cent. Dis. Control, U.S. Dep. Helath Education & Welfare, Fort Collins, CO 80522] Hosts: *Peromyscus maniculatus, Spermophilus richardsonii, Eutamias minimus, E. umbrinus* and *Lepus americanus*.

81-004953 Milner, A. R.; C. R. Wilks; D. M. Spratt and P. J. A. Presidente. THE PREVALENCE OF ANTI-LEPTOSPIRAL AGGLUTININS IN SERA OF WILDLIFE IN SOUTHEASTERN AUSTRALIA. *J. Wildl. Dis.* 17(2):197-202. Apr. 1981. WR 182
[John Curtin School Med. Res., Australian Natl. Univ., Canberra, A.C.T., Australia] Data for 25 spp. of mammals.

81-004954 Odening, Klaus; Wlater Tscherner and Ingrid Bockhardt. EXPERIMENTELLE BESTIMMUNG VON CESTODENEIERN (*SPIRONETRA*) AUS GOLDSCHAKAL UND LUCHS. [EXPERIMENTAL DETERMINATION OF CESTODE EGGS (*SPIROMETRA*) IN THE JACKAL *CANIS AUREUS* AND THE LYNX *LYNX LYNX*.] *Milu* 5(1/2):245-251. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

MAMMALS--PARASITES AND DISEASES (CONTINUED)

81-004955 Shoop, Wesley L. and Kenneth C. Corkum. SOME TREMATODES OF MAMMALS IN LOUISIANA. *Tulane Stud. Zool. Bot.* 22(2):109-121. 3 May 1981. WR 182
[Dep. Zool. & Physiol., La. State Univ., Baton Rouge 70803]

81-004956 Twigg, G. I. A REVIEW OF THE OCCURRENCE IN BRITISH MAMMALS OF THE MAJOR ORGANISMS OF ZOONOTIC IMPORTANCE. *Mammal Rev.* 10(4):139-149. Dec. 1980. WR 182
[Dep. Zool., Royal Holloway Coll., Englefield, Egham, Surrey, England]

81-004957 Valtonen, Matti; Risto Visakorpi and Seppo Lahti. JÄNISRUTON ELI TULAREMIAN ESIINTYMISESTÄ SUOMESSA VUOSINA 1966-1975. [TULAREMIA IN FINLAND 1966-75.] *Suomen Riista* 27:11-18. 1980. In Finnish with English summ. WR 182
[State Vet. Inst., Hämeentie 57, SF-00550 Helsinki 55, Finland]

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

81-004958 Říbal, Miloslav; Jiří Toufar and Vladimír Bernášek. REPELENTNÍ SPREJ K OCHRANĚ DŘEVIN PŘED POŠKOZOVÁNÍM ZVĚŘÍ. [REPELLENT SPRAY FOR PROTECTION OF TREES AGAINST DAMAGE DONE BY GAME.] *Práce Vúlhm* 57:153-168. 1980. In Czech with Russian and English summ. WR 182

81-004959 Buisson, M. PROTECTION DES JEUNES PEUPLEMENTS CONTRE LES DÉGÂTS DE LAPINS. [PROTECTION OF YOUNG PLANTATIONS AGAINST DAMAGE BY RABBITS.] *Rev. For. Fr. (Nancy)* 32(5):461-465. 1980. In French. WR 182
[Direcion Régional de l'Office Natl. Forêts, 15 Ave. Division-Leclerc, 60321 Compiégne, France]

81-004960 Le Tacon, F. INFLUENCE DES OISEAUX ET DES RONGEURS SUR LA RÉGÉNÉRATION NATURELLE DU HÊTRE. NOTE COMPLÉMENTAIRE CONCERNANT LE DISPOSITIF DE LA FORÊT DOMANIALE DE HEZ-FROIDMONT (OISE). [INFLUENCE OF BIRDS AND RODENTS ON BEECH NATURAL REGENERATION. SUPPLEMENTARY NOTE ON THE EXPERIMENT IN THE STATE FOREST OF HEZ-FROIDMONT (OISE).] *Rev. For. Fr. (Nancy)* 32(5):457-460. 1980. In French. WR 182
[Cent. Natl. Recherches For., INRA, Champenoux, 54280 Seichamps, France]

81-004961 Nygrén, Kaarlo. SUSIEN VAIKUTUKSESTA HIRVIKANTAAN. [EFFECT OF THE WOLF ON THE MOOSE POPULATION.] *Suomen Riista* 28:71-78. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland] *Canis lupus* and *Alces alces* in Finland.

81-004962 Smiet, A. C.; G. W. Fulk and S. B. Lathiya. RODENT ECOLOGY IN SUGARCANE IN LOWER SIND, PAKISTAN. *Acta Theriol.* 25(8):81-97. 1980. In English with Polish summ. WR 182
[Vertebr. Pest Control Cent., P.O. Box 8401, Univ. Campus Karachi 32, Pakistan] *Millardia meltada*, *Bandicota bengalensis* and *Nesokia indica*.

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

81-004963 Stocker, Max. OPTIMIZATION MODEL FOR A WOLF-UNGULATE SYSTEM. *Ecol. Modelling* 12(3):151-172. Apr. 1981. WR 182
[Dep. Fisheries & Oceans, Pacific Biol. Stn., Nanaimo, British Columbia V9R 5K6, Canada] *Canis lupus* and *Alces alces*.

MARSUPIALS

81-004964 Beveridge, I. *THYLONEMA* GEN. N. (NEMATODA: STRONGYLOIDEA) FROM THE PADEMELON *THYLOGALE STIGMATICA* (MARSUPIALIA) IN AUSTRALIA, WITH THREE NEW SPECIES. *J. Parasitol.* 67(1):101-107. Feb. 1981. WR 182
[Inst. Med. & Vet. Sci., Frome Rd., Adelaide, South Australia 5000, Australia]

81-004965 Beveridge, I. *TRIGONOSTONEMA* GEN. N. (NEMATODA: STRONGYLOIDEA) FROM THE PADEMELON, *THYLOGALE STIGMATICA* (MARSUPIALIA) IN AUSTRALIA, WITH TWO NEW SPECIES, *T. TRIGONOSTOMA* SP. N. AND *T. LONGIBURSATA* SP. N. *J. Parasitol.* 67(1):94-100. Feb. 1981. WR 182
[Inst. Med. & Vet. Sci., Frome Rd., Adelaide, South Australia 5000, Australia]

81-004966 Braithwaite, Richard W. and Anthony K. Lee. A MAMMALIAN EXAMPLE OF SEMELPARITY. *Am. Nat.* 113(1):151-155. Jan. 1979. WR 182
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia] *Antechinus*.

81-004967 Calaby, J. H. and J. Mary Taylor. REPRODUCTION IN TWO MARSUPIAL-MICE, *ANTECHINUS BELLUS* AND *A. BILARNI* (DASYURIDAE), OF TROPICAL AUSTRALIA. *J. Mammal.* 62(2):329-341. 21 May 1981. WR 182
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

81-004968 Callinan, R. B. and B. Kefford. MORTALITIES ASSOCIATED WITH HERPESVIRUS INFECTION IN CAPTIVE MACROPODS. *J. Wildl. Dis.* 17(2):311-317. Apr. 1981. WR 182
[New South Wales Dep. Agric., Regional Vet. Lab., Wollongbar, New South Wales 2480, Australia] *Setonix brachyurus, Dorcopsis muelleri luctuosa*, and *Macropus fuliginosus*.

81-004969 Fanning, F. Dominic. GROWTH AND DEVELOPMENT IN *ACROBATES PYGMAEUS* (BURRAMYIDAE: MARSUPIALIA). *Aust. Mammal.* 3(1):57-60. May 1980. WR 182
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales, Australia 2003]

81-004970 Fanning, F. Dominic. NESTS OF THE FEATHERTAIL GLIDER, *ACROBATES PYGMAEUS* (BURRAMYIDAE: MARSUPIALIA), FROM SYDNEY, NEW SOUTH WALES. *Aust. Mammal.* 3(1):55-56. May 1980. WR 182
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales, Australia 2003]

MARSUPIALS (CONTINUED)

81-004971 Fleming, Michael W. and John D. Harder. EFFECT OF PREGNANCY ON UTERINE CONSTITUENTS OF THE VIRGINIA OPOSSUM. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(2):337-339. 1981. WR 182
[Dep. Zool., Ohio State Univ., Columbus 43210] *Didelphis virginiana.*

81-004972 Gemmell, R. T. THE ROLE OF THE CORPUS LUTEUM OF LACTATION IN THE BANDICOOT *ISOODON MACROURUS* (MARSUPIALIA: PERAMELIDAE). *Gen. Comp. Endocrinol.* 44(1):13-19. May 1981. WR 182
[Dep. Anat., Univ. Queensland, St. Lucia, 4067 Brisbane, Queensland, Australia]

81-004973 Johnson, K. A. and A. D. Roff. DISCOVERY OF NINGAUIS (*NINGAUI* SP: DASYURIDAE: MARSUPIALIA) IN THE NORTHERN TERRITORY, AUSTRALIA. *Aust. Mammal.* 3(2):127-129. May 1980. WR 182
[Territory Parks & Wildl. Comm., P.O. Box 1046, Alice Springs, Northern Territory, Australia 5750]

81-004974 Loffler, E. and C. Margules. WOMBATS DETECTED FROM SPACE. *Remote Sensing Environ.* 9(1):47-56. 1980. From Ecol. Abstr. 1980/6:80L/8440. 1980. WR 182
Lasiorhinus latifrons in Australia.

81-004975 Low, W. A.; W. J. Müller; M. L. Dudziński and B. S. Low. POPULATION FLUCTUATIONS AND RANGE COMMUNITY PREFERENCE OF RED KANGAROOS IN CENTRAL AUSTRALIA. *J. Appl. Ecol.* 18(1):27-36. Apr. 1981. WR 182
[Conserv. Comm., P.O. Box 1046, Alice Springs, Northern Territory 5750, Australia] *Megaleia rufa.*

81-004976 Morton, S. R. ECOLOGICAL CORRELATES OF CAUDAL FAT STORAGE IN SMALL MAMMALS. *Aust. Mammal.* 3(2):81-86. May 1980. WR 182
[Dep. Zool., Univ. Melbourne, Parkville, Victoria, Australia 3052] *Sminthopsis crassicaudata.*

81-004977 Morton, S. R.; J. W. Wainer and T. P. Thwaites. DISTRIBUTIONS AND HABITATS OF *SMINTHOPSIS LEUCOPUS* AND *S. MURINA* (MARSUPIALIA: DASYURIDAE) IN SOUTHEASTERN AUSTRALIA. *Aust. Mammal.* 3(1):19-30. May 1980. WR 182
[School Biol. Sci., Zool. Bldg., Univ. Sydney, Sydney, New South Wales, Australia 2006]

81-004978 Pine, Ronald H. REVIEWS OF THE MOUSE OPOSSUMS *MARMOSA PARVIDENS* TATE AND *MARMOSA INVICTA* GOLDMAN (MAMMALIA: MARSUPIALIA: DIDELPHIDAE) WITH DESCRIPTION OF A NEW SPECIES. *Mammalia* 45(1):54-70. 1981. In English with French summ. WR 182
[Inst. Environ. Awareness, George Williams Coll., 555 31st St., Downers Grove, IL 60515] *Marmosa handleyi*--new species.

81-004979 Renfree, Marilyn B. EMBRYONIC DIAPAUSE IN MARSUPIALS. *J. Reprod. Fert. Suppl.* No. 29. p. 67-78. 1981. WR 182
[School Environ. & Life Sci., Murdoch Univ., Western Australia 6150, Australia]

MARSUPIALS (CONTINUED)

81-004980 Rodger, J. C. and C. C. Pollitt. RADIOGRAPHIC EXAMINATION OF ELECTROEJACULATION IN MARSUPIALS. *Biol. Reprod.* 24(5):1125-1134. June 1981. WR 182
[Dep. Obstetrics & Gynecol., Cornell Univ. Med. Coll., 515 East 71st. St., New York, NY 10021]

81-004981 Scarlett, G. and P. A. Woolley. THE HONEY POSSUM, *TARSIPES SPENCERAE* (MARSUPIALIA: TARSIPEDIDAE): A NON-SEASONAL BREEDER? *Aust. Mammal.* 3(2):97-103. May 1980. WR 182
[Dep. Zool., La Trobe Univ., Bundoora, Victoria, Australia 3083]

81-004982 Selwood, Lynne. DELAYED EMBRYONIC DEVELOPMENT IN THE DASYURID MARSUPIAL, *ANTECHINUS STUARTII*. *J. Reprod. Fert. Suppl.* No. 29. p. 79-82. 1981. WR 182
[Dep. Zool., La Trobe Univ., Bundoora, Victoria 3083, Australia]

81-004983 Spratt, David M. *METATHELAZIA NAGHIENSIS* SP. N. (NEMATODA: PNEUMOSPIRURIDAE) FROM THE LONG-NOSED BANDICOOT, *PERAMELES NASUTA* (MARSUPIALIA). *J. Parasitol.* 66(6):1032-1035. Dec. 1980. WR 182
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

81-004984 Spratt, David M. *ANTECHINOSTRONGYLUS DISGUBERNACULUS* GEN. ET SP. N. (NEMATODA: ANGIOSTRONGYLIDAE) FROM THE MARSUPIAL MOUSE, *ANTECHINUS SWAINSONII* (MARSUPIALIA: DASYURIDAE). *J. Parasitol.* 67(1):90-93. Feb. 1981. WR 182
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

81-004985 Tyndale-Biscoe, C. H. and L. Hinds. HORMONAL CONTROL OF THE CORPUS LUTEUM AND EMBRYONIC DIAPAUSE IN MACROPODID MARSUPIALS. *J. Reprod. Fert. Suppl.* No. 29. p. 111-117. 1981. WR 182
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602]

81-004986 Van Dyck, Stephen. THE CINNAMON ANTECHINUS, *ANTECHNIUS LEO* (MARSUPIALIA: DASYURIDAE), A NEW SPECIES FROM THE VINE-FORESTS OF CAPE YORK PENINSULA. *Aust. Mammal.* 3(1):5-17. May 1980. WR 182
[Queensland Mus., Gregory Terrace, Fortitude Valley, Brisbane, Queensland, Australia 4006]

81-004987 Van Dyck, Stephen. A COLOUR ABERRATION IN THE HERBERT RIVER RINGTAIL, *PSEUDOCHEIRUS HERBERTENSIS* (PETAURIDAE: MARSUPIALIA). *Aust. Mammal.* 3(1):53-54. May 1980. WR 182
[Queensland Mus., Gregory Terrace, Fortitude Valley, Brisbane, Queensland, Australia 4006]

81-004988 Venolia, L. and W. J. Peacock. A HIGHLY REPEATED DNA FROM THE GENOME OF THE WALLAROO (*MACROPUS ROBUSTUS ROBUSTUS*). *Aust. J. Biol. Sci.* 34(1):97-113. 1981. WR 182
[Dep. Genetics, Univ. Wash., Seattle 98195]

81-004989 Walker, M. T. and R. L. Hughes. ULTRASTRUCTURAL CHANGES AFTER DIAPAUSE IN THE UTERINE GLANDS, CORPUS LUTEUM AND BLASTOCYST OF THE RED-NECKED WALLABY, *MACROPUS RUFOGRISEUS BANKSIANUS*. *J. Reprod. Fert.*

MARSUPIALS (CONTINUED)

81-004989 CONTINUED *Suppl.* No. 29. p. 151-158. 1981. WR 182
[Dep. Anat., Univ. Queensland, St. Lucia, Queensland 4067, Australia]

81-004990 Wallace, G. I. UTERINE FACTORS AND DELAYED IMPLANTATION IN MACROPODID MARSUPIALS. *J. Reprod. Fert. Suppl.* No. 29. p. 173-181. 1981. WR 182
[Western Australian Mus., Francis St., Perth, Western Australia 6000, Australia]

81-004991 Wiens, Delbert; Marilyn Renfree and Ronald O. Wooller. POLLEN LOADS OF HONEY POSSUMS (*TARSIPES SPENSERAE*) AND NONFLYING MAMMAL POLLINATION IN SOUTHWESTERN AUSTRALIA. *Ann. Mo. Bot. Gard.* 66(4):830-838. 1979. From Ecol. Abstr. 1980/6:80L/7806. 1980. WR 182

81-004992 Woolley, P. A. *ANTECHINUS BELLUS*, ANOTHER DASYURID MARSUPIAL WITH POST-MATING MORTALITY OF MALES. *J. Mammal.* 62(2):381-382. 21 May 1981. WR 182
[Dep. Zool., La Trobe Univ., Bundoora, Victoria 3083, Australia]

MOLES, SHREWS, AND OTHER INSECTIVORES

81-004993 Baxter, R. M. and C. N. V. Lloyd. NOTES ON THE REPRODUCTION AND POSTNATAL DEVELOPMENT OF THE FOREST SHREW. *Acta Theriol.* 25(3):31-38. 1980. In English with Polish summ. WR 182
[Dep. Zool., Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, Natal, South Africa] *Myosorex varius.*

81-004994 Baxter, R. M.; E. A. Goulden and J. Meester. THE ACTIVITY PATTERNS OF SOME SOUTHERN AFRICAN *CROCIDURA* IN CAPTIVITY. *Acta Theriol.* 24(5):61-68. 1979. In English with Polish summ. WR 182
[Dep. Zool., Univ. Natal, Pietermaritzburg, Natal, South Africa] *Crocidura flavescens, C. hirta,* and *C. mariquensis.*

81-004995 Capanna, Ernesto. CARYOTYPE ET MORPHOLOGIE CRÂNIENNE DE *TALPA ROMANA* THOMAS DE *TERRA TYPICA*. [CARYOTYPE AND CRANIAL MORPHOLOGY OF *TALPA ROMANA* THOMAS FROM *TERRA TYPICA*.] *Mammalia* 45(1):71-82. 1981. In French with English summ. WR 182
[Inst. Anat. Comp., Univ. Rome, Rome, Italy]

81-004996 Churchfield, Sara. SUBTERRANEAN FORAGING AND BURROWING ACTIVITY OF THE COMMON SHREW. *Acta Theriol.* 25(37):451-459. 1980. In English with Polish summ. WR 182
[Dep. Zool., Chelsea Coll., Hortensia Rd., London SW10, England] *Sorex araneus.*

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

81-004997 Churchfield, Sara. POPULATION DYNAMICS AND THE SEASONAL FLUCTUATIONS IN NUMBERS OF THE COMMON SHREW IN BRITAIN. *Acta Theriol.* 25(34):415-424. 1980. In English with Polish summ. WR 182
[Dep. Zool., Chelsea Coll., Univ. London, Hortensia Rd., London SW10, England] *Sorex araneus.*

81-004998 Dittrich, Lothar. DIE VERERBUNG DES ALBINISMUS BEIM WESTEUROPÄISCHEN IGEL, *ERINACEUS EUROPAEUS* LINNÉ, 1758. [THE INHERITANCE OF ALBINISM IN THE HEDGEHOG *ERINACEUS EUROPAEUS.*] *Säugetierkd. Mitt.* 28(4):281-286. 1980. In German with English summ. WR 182
[Zool. Garten Hannover, Adenauerallee 3, 3000 Hanover, West Germany]

81-004999 Fedyk, Stanisław and Stanisław Borowski. COLOUR VARIANTS IN THE BIAŁOWIEZA POPULATION OF THE EUROPEAN WATER SHREW. *Acta Theriol.* 25(1):3-24. 1980. In English with Polish summ. WR 182
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Białowieża, Poland] *Neomys fodiens.*

81-005000 Funmilayo, Oluwadare. FOOD CONSUMPTION, PREFERENCES AND STORAGE IN THE MOLE. *Acta Theriol.* 24(27):379-389. 1979. In English with Polish summ. WR 182
[Dep. Agric. Biol., Univ. Ibadan, Ibadan, Nigeria] *Talpa europaea* in Scotland]

81-005001 Huffman, J. E. and D. E. Roscoe. THE OCCURRENCE OF A SPOROZOAN IN THE MYOCARDIUM OF SHORT-TAILED SHREW (*BLARINA BREVICAUDA*). *J. Wildl. Dis.* 17(2):209-211. Apr. 1981. WR 182
[Dep. Zool. & Physiol., Rutgers Univ., Newark, NJ 07102]

81-005002 Hutterer, Rainer; Peter Vogel; Henry Frey and Michel Genoud. VOCALIZATION OF THE SHREWS *SUNCUS ETRUSCUS* AND *CROCIDURA RUSSULA* DURING NORMOTHERMIA AND TORPOR. *Acta Theriol.* 24(21):271-276. 1979. In English. WR 182
[Zool. Forschungsinst., Mus. A Koenig, D 5300 Bonn, West Germany]

81-005003 Irwin, D. V. and R. M. Baxter. EVIDENCE AGAINST THE USE OF ECHOLOCATION BY *CROCIDURA F. FLAVESCENS* (SORICIDAE). *Säugetierkd. Mitt.* 28(4):323. 1980. In English. WR 182
[Dep. Zool., Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, Natal, South Africa]

81-005004 Kraft, Richard. FRAßSPUREN DER EUROPÄISCHEN WASSERSPITZMAUS, *NEOMYS FODIENS* (PENNANT, 1771), UND DER WALDSPITZMAUS, *SOREX ARANEUS* LINNÉ, 1758, AN GEHÄUSEN DER SPITZSCHLAMMSCHNECKE, *LYMNAEA STAGNALIS* LINNÉ, 1758. [FEEDING OF EUROPEAN WATER SHREW *NEOMYS FODIENS* AND THE COMMON SHREW *SOREX ARANEUS* ON THE SHELL OF THE SNAIL *LYMNAEA STAGNALIS.*] *Säugetierkd. Mitt.* 28(4):245-247. 1980. In German. WR 182
[Zool. Staatssammlung, Maria-Ward-Straße 1B, D-8000, Munich 19, West Germany]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

81-005005 Lamotte, M. and F. Petter. UNE TAUPE DORÉE NOUVELLE DU CAMEROUN (MT OKU, 6°15'N, 10°26'E): *CHRYSOCHLORIS STUHLMANNI BALSACI* SSP. NOV. [A NEW GOLDEN MOLE FROM CAMEROUN (MOUNT OKU, 6°15'N, 10°26'E) *CHRYSOCHLORIS STUHLMANNI BALSACI* SSP. NOV.] *Mammalia* 45(1):43-48. 1981. In French with English summ. WR 182
[E.N.S., Lab. Zool., 46 rue d'Ulm, 75005 Paris, France]

81-005006 Mock, O. B. and V. K. Kivett. THE SOUTHEASTERN SHREW, *SOREX LONGIROSTRIS*, IN NORTHEASTERN MISSOURI. *Trans. Mo. Acad. Sci.* 14:67-68. 1980. WR 182
[Dep. Anat., Kirksville Coll. Osteopathic Med., Kirksville, MO 63501]

81-005007 Oduor-Okelo, Dominic; Samson Gombe and Emmanuel C. Amoroso. THE PLACENTA AND FETAL MEMBRANES OF THE SHORT-NOSED ELEPHANT SHREW, *ELEPHANTULUS RUFESCENS* (PETERS, 1878). *Säugetierkd. Mitt.* 28(4):293-301. 1980. In English. WR 182
[Dep. Vet. Anat., Univ. Nairobi, Nairobi, Kenya]

81-005008 Petter, F. REMARQUES SUR LA SYSTÉMATIQUE DES CHRYSOCHLORIDÉS. [COMMENTS ON THE SYSTEMATICS OF THE CHRYSOCHLORIDS.] *Mammalia* 45(1):49-53. 1981. In French with English summ. WR 182
[Mus. Natl. Nat. Hist., Lab. Zool., 55 rue de Buffon, 75005 Paris, France]

81-005009 Rabe, Mary L. NEW LOCATION FOR PYGMY *SOREX HOYI* AND WATER *SOREX PALUSTRIS* SHREWS IN MICHIGAN. *Jack-Pine Warbler* 59(1):16-17. Apr. 1981. WR 182
[Dep. Fisheries & Wildl., Mich. State Univ., East Lansing 48824]

81-005010 Schaefer, V. H. and R. M. F. S. Sadleir. CONCENTRATIONS OF CARBON DIOXIDE AND OXYGEN IN MOLE TUNNELS. *Acta Theriol.* 24(21):267-271. 1979. In English. WR 182
[Dep. Biol. Sci., Simon Fraser Univ., Burnaby, British Columbia, V5A 1S6 Canada] *Scapanus orarius*.

81-005011 Schaefer, V. H. and R. M. F. S. Sadleir. FACTORS INFLUENCING MOLEHILL CONSTRUCTION BY THE COAST MOLE (*SCAPANUS ORARIUS* TRUE). *Mammalia* 54(1):31-38. 1981. In English with French summ. WR 182
[Biol., Douglas Coll., P.O. Box 2503, New Westminster, British Columbia V3L 5B2, Canada]

81-005012 Skrzypiec, Zofia and Marek Jastrzębski. NERVE CENTRES OF THE CEREBELLUM IN THE MOLE AND COMMON SHREW. *Acta Theriol.* 25(2):25-30. 1980. In English with Polish summ. WR 182
[Inst. Biol. Univ. M. Curie-Skłodowskiej, Akademicka 19, 20-033 Lublin, Poland] *Talpa europaea* and *Sorex araneus*.

81-005013 Vesmanis, I. E.; V. Sans-Coma and R. Fons. DIE ETRUSKERSPITZMAUS, *SUNCUS ETRUSCUS* (SAVI, 1822) IN TUNESIEN (MAMMALIA: INSECTIVORA). [THE ETRUSCAN SHREW *SUNCUS ETRUSCUS* IN TUNISIA (MAMMALIA: INSECTIVORA).] *Afr. Small Mammal Newsl. Spec.* No. 3. 46p. Dec. 1980. In German. WR 182
[Rhönstraße 7, D-64 97 Steinau 4, West Germany]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

81-005014 Vizoso, A. D. and W. E. Thomas. PARAMYXOVIRUSES OF THE MORBILLI GROUP IN THE WILD HEDGEHOG *ERINACEUS EUROPEUS*. *Br. J. Exp. Pathol.* 62(1):79-86. Feb. 1981. WR 182
[N.E.R.C. Inst. Virol., 5 South Parks Rd., Oxford OX1 3UB, England]

81-005015 Vogel, Peter. OCCURRENCE AND INTERPRETATION OF DELAYED IMPLANTATION IN INSECTIVORES. *J. Reprod. Fert. Suppl.* No. 29. p. 51-60. 1981. WR 182
[Inst. Zool. & Ecol. Anim., Place du Tunnel 19, CH-1005 Lausanne, Switzerland]

BATS

81-005016 Barclay, R. M. R.; M. B. Fenton; M. D. Tuttle and M. J. Ryan. ECHOLOCATION CALLS PRODUCED BY *TRACHOPS CIRRHOSUS* (CHIROPTERA: PHYLLOSTOMATIDAE) WHILE HUNTING FOR FROGS. *Can. J. Zool.* 59(5):750-753. May 1981. In English with French summ. WR 182
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

81-005017 Belwood, J. J. WAGNER'S MASTIFF BAT, *EUMOPS GLAUCINUS FLORIDANUS* (MOLOSSIDAE) IN SOUTHWESTERN FLORIDA. *J. Mammal.* 62(2):411-413. 21 May 1981. WR 182
[Fla. Game & Freshwater Fish Comm., Gainesville 32611]

81-005018 Bergmans, W. A NEW FRUIT BAT FROM SHIMBA HILLS. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 96. Nov.-Dec. 1980. WR 182
[Zool. Mus., Univ. Amsterdam, Palantage Kerklaan 36, 1018 CZ Amsterdam, Netherlands] *Myonycteris relicta* in Tanzania.

81-005019 Bower, Susan M. and Patrick T. K. Woo. TWO NEW SPECIES OF TRYPANOSOMES (SUBGENUS SCHIZOTRYPANUM) IN BATS FROM SOUTHERN ONTARIO. *Can. J. Zool.* 59(3):530-545. Mar. 1981. In English with French summ. WR 182
[Woo: Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1] *Eptesicus f. fuscus* and *Myotis l. lucifugus*.

81-005020 Buchler, E. R. and S. B. Childs. ORIENTATION TO DISTANT SOUNDS BY FORAGING BIG BROWN BATS (*EPTESICUS FUSCUS*). *Anim. Behav.* 29(2):428-432. May 1981. WR 182
[Dep. Zool., Univ. Md., College Park 20742]

81-005021 Burns, John M. ASPECTS OF ENDOCRINE CONTROL OF DELAY PHENOMENA IN BATS WITH SPECIAL EMPHASIS ON DELAYED DEVELOPMENT. *J. Reprod. Fert. Suppl.* No. 29. p. 61-66. 1981. WR 182
[Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409]

81-005022 Caire, William; Beverley L. Cox and Barbara Levescy. SOME NORMAL BLOOD VALUES OF *MYOTIS VELIFER* (CHIROPTERA: VESPERTILIONIDAE). *J. Mammal.* 62(2):436-439. 21 May 1981. WR 182
[Biol. Dep., Central State Univ., Edmond, OK 73034]

BATS (CONTINUED)

81-005023 Coggins, James R.; John L. Tedesco and Charles Rupprecht. INTESTINAL HELMINTHS OF THE BAT, *MYOTIS KEENII* (MERRIAM), FROM SOUTHEASTERN WISCONSIN. *Proc. Helminthol. Soc. Wash.* 48(1):93-96. Jan. 1981. WR 182
[Dep. Zool., Univ. Wis., Milwaukee 53201]

81-005024 Conroy, Carol. A SUMMARY OF STATE BAT LEGISLATION. *Bat Res. News* 21(4):31-32. Nov. 1980. WR 182
[6400 MacArthur Blvd., Washington, DC 20016]

81-005025 Dickerman, Robert W.; Karl F. Koopman and Charles Seymour. NOTES ON BATS FROM THE PACIFIC LOWLANDS OF GUATEMALA. *J. Mammal.* 62(2):406-411. 21 May 1981. WR 182
[Dep. Ornithol., Am. Mus. Nat. Hist., New York, NY 10024]

81-005026 Edungbola, Luke D. PARASITES OF HOUSE-DWELLING, INSECTIVOROUS BATS FROM ALABE, KWARA STATE, NIGERIA. *J. Parasitol.* 67(2):287-288. Apr. 1981. WR 182
[Dep. Pathol. Sci., Fac. Health Sci., Univ. Ilorin, Ilorin, Nigeria] *Hipposideros caffer tephrus, Nycteris gambiensis* and *Tadarida chaeraphon nigeriae.*

81-005027 Fenton, M. B. and G. P. Bell. RECOGNITION OF SPECIES OF INSECTIVOROUS BATS BY THEIR ECHOLOCATION CALLS. *J. Mammal.* 62(2):233-243. 21 May 1981. WR 182
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] Data for 39 spp.

81-005028 Freeman, Patricia Waring. A MULTIVARIATE STUDY OF THE FAMILY MOLOSSIDAE (MAMMALIA, CHIROPTERA): MORPHOLOGY, ECOLOGY, EVOLUTION. *Fieldiana Zool. New Ser.* 7(1316):vii + 173p. 31 Mar. 1981. WR 182
[Univ. Nebr. State Mus., W36 Nebraska Hall, Lincoln 68588]

81-005029 Fries, Joe N. *PIPISTRELLUS HESPERUS* (CHIROPTERA) EATING SPIDERS. *Southwest. Nat.* 26(2):215. 21 May 1981. WR 182
[Lab. Environ. Biol., Univ. Tex., El Paso 79968]

81-005030 González, Julio César and Silvana Vallejo. NOTAS SOBRE *VAMPYROPS LINEATUS* (GEOFFROY), DEL URUGUAY. [NOTES ON *VAMPYROPS LINEATUS* (GEOFFROY), OF URUGUAY.] *Comun. Zool. Mus. Nat. Hist. Montev.* 10(144):1-8. 1980. In Spanish. WR 182

81-005031 Gopalakrishna, A. and A. Madhavan. BREEDING HABITS AND ASSOCIATED PHENOMENA IN SOME INDIAN BATS. PART III. *HIPPOSIDEROS ATER ATER* (TEMPLETON)--HIPPOSIDERIDAE. *J. Bombay Nat. Hist. Soc.* 74(3):511-517. Dec. 1977. WR 182
[Dep. Zool. Inst. Sci., Nagpur, India]

81-005032 Greer, Donald L. and David N. McMurray. PATHOGENESIS OF EXPERIMENTAL HISTOPLASMOSIS IN THE BAT, *ARTIBEUS LITURATUS.* *Am. J. Trop. Med. Hyg.* 30(3):653-659. May 1981. WR 182

BATS (CONTINUED)

81-005032 CONTINUED
[Dep. Pathol., La. State Univ. Med. Cent., 1542 Tulane Ave., New Orleans 70112]

81-005033 Gupta, K. N. and Santosh Mehta. ON *PYCNOPORUS BUCKLEYI* N. SP. (TREMATODA: LECITHODENDRIIDAE) FROM BAT--*PIPISTRELLUS DORMERI* DOBSON, 1875. *Res. Bull. Panjab Univ.* 25(3-4):215-218. Dec. 1974. WR 182
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-005034 Gupta, N. K. and Santosh Mehta. ON *VESPERUGIDENDRIUM KALSANENSE* N. SP. (TREMATODA: LECITHODENDRIIDAE) FROM BAT--*PIPISTRELLUS DORMERI*. *Res. Bull. Panjab Univ.* 25(3-4):203-204. Dec. 1974. WR 182
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-005035 Gupta, N. K. and Santosh Mehta. OBSERVATIONS ON *ANCHITREMA SANGUINEUM* (SONSINO 1895) (TREMATODA: DICROCOELIDAE) FROM BAT--*SCOTOPHILUS HEATHEI* HORSFIELD, 1831. *Res. Bull. Panjab Univ.* 25(3-4):207-209. Dec. 1974. WR 182
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-005036 Hevly, Richard H. DIETARY HABITS OF TWO NECTAR AND POLLEN FEEDING BATS IN SOUTHERN ARIZONA AND NORTHERN MEXICO. *Ariz.-Nev. Acad. Sci. J.* 14(1):13-18. 1979. From Ecol. Abstr. 1980/6:80L/7804. 1980. WR 182
Leptonycteris sanborni and *Choeronycteris mexicana*.

81-005037 Hill, J. E. THE FLYING FOX *PTEROPUS TONGANUS* IN THE COOK ISLANDS AND ON NIUE ISLAND, PACIFIC OCEAN. *Acta Theriol.* 24(11):115-117. 1979. In English. WR 182
[Dep. Zool., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

81-005038 Hoff, Gerald L. and William J. Bigler. THE ROLE OF BATS IN THE PROPAGATION AND SPREAD OF HISTOPLASMOSIS: A REVIEW. *J. Wildl. Dis.* 17(2):191-196. Apr. 1981. WR 182
[Office Epidemiol. Serv., Kansas City Health Dep., 1423 E. Linwood Blvd., Kansas City, MO 64109]

81-005039 Howell, D. J. and Barbara Schropfer Roth. SEXUAL REPRODUCTION AGAVES: THE BENEFITS OF BATS; THE COST OF SEMELPAROUS ADVERTISING. *Ecology* 62(1):1-7. Feb. 1981. WR 182
[Dep. Biol., Southern Methodist Univ., Dallas, TX 75275] *Leptonycteris* spp.

81-005040 Howell, K. M. *TRIAENOPS PERSICUS AFER* (HIPPOSIDERIDAE) AND CONDITIONS OF ANOXIA. *Bat Res. News* 21(4):26-30. Nov. 1980. WR 182
[Dep. Zool., Box 35064, Univ. Dar es Salaam, Dar es Salaam, Tanzania]

81-005041 Kashyap, S. K. NOTES ON THE MATING BEHAVIOUR OF *TADARIDA AEGYPTIACA* (GEOFFROY). *J. Bombay Nat. Hist. Soc.* 77(1):124-125. Apr. 1980. WR 182
[Dep. Zool., Univ. Saugar, Saugar (M.P.), India]

BATS (CONTINUED)

81-005042 Kessler, John S.; Wm. Michael Turner and Linda Morgan. A SURVEY FOR THE INDIANA BAT *MYOTIS SODALIS* ON KNOB CREEK, BULLITT COUNTY, KENTUCKY. *Trans. Ky. Acad. Sci.* 42(1-2):38-40. Mar. 1981. WR 182
[RR 3, Taylorsville, KY 40071]

81-005043 LaVal, Richard K. and Margaret L. LaVal. PREY SELECTION BY THE SLIT-FACED BAT *NYCTERIS THEBAICA* (CHIROPTERA: NYCTERIDAE) IN NATAL, SOUTH AFRICA. *Biotropica* 12(4):241-246. Dec. 1980. WR 182
[Apartado 10165, San José, Costa Rica]

81-005044 Mühlpfordt, H. VERGLEICHENDE ELEKTRONENMIKROSKOPISCHE UNTERSUCHUNG DER KINETOPLASTMORPHOLOGIE VON FLEDERMAUSTRYPANOSOMEN UND *TRYPANOSOMA CRUZI*. [COMPARATIVE ELECTRON MICROSCOPE STUDIES ON THE KINETOPLAST MORPHOLOGY OF BAT-TRYPANOSOMES AND *TRYPANOSOMA CRUZI*.] *Z. Parasitenkd.* 65(1):95-101. May 1981. In German with English summ. WR 182
[Abteil. Protozool. Bernhard-Nocht-Inst. Schiffs- & Tropenkrankheiten, D-2000 Hamburg 4, West Germany]

81-005045 Marimuthu, G.; S. Rajan and M. K. Chandrashekaran. SOCIAL ENTRAINMENT OF THE CIRCADIAN RHYTHM IN THE FLIGHT ACTIVITY OF THE MICROCHIROPTERAN BAT *HIPPOSIDEROS SPEORIS*. *Behav. Ecol. Sociobiol.* 8(2):147-150. Apr. 1981. WR 182
[Univ. Anim. Behav., School Biol. Sci., Madurai Kamaraj Univ., Madurai 625 021, India]

81-005046 McMinn, R. M. H.; D. H. Bosman and S. E. Gschmeissner. ULTRASTRUCTURE OF CONNECTIVE TISSUE IN THE TYMPANIC MEMBRANE OF BATS. *J. Anat.* 132(3):478. May 1981. Abstract only. WR 182
[Dep. Anat., Inst. Basic Med. Sci., Royal Coll. Surgeons, London, England] *Eidolon helvum* and *Pipistrellus pipistrellus*.

81-005047 Miller, Lee A. and Hans Jörgen Degn. THE ACOUSTIC BEHAVIOR OF FOUR SPECIES OF VESPERTILIONID BATS STUDIES IN THE FIELD. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 142(1):67-74. 1 Apr. 1981. WR 182
[Biol. Inst., Odense Univ., Campusvej 55, DK-5230 Odense M, Denmark] *Eptesicus serotinus*, *Nyctalus noctula*, *Pipistrellus pipistrellus* and *Myotis daubentoni*.

81-005048 Morton, David and Joshua F. Richards. THE FLOW OF EXCESS DIETARY WATER THROUGH THE COMMON VAMPIRE BAT DURING FEEDING. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):511-515. 1981. WR 182
[Dep. Biol. Sci., Wright State Univ., Dayton, OH 45435] *Desmodus rotundus*.

81-005049 Pévet, P. and P. A. Racey. THE PINEAL GLAND OF NOCTURNAL MAMMALS. II. THE ULTRASTRUCTURE OF THE PINEAL GLAND IN THE PIPISTRELLE BAT (*PIPISTRELLUS PIPISTRELLUS* L.): PRESENCE OF TWO POPULATIONS OF PINEALOCYTES. *Cell Tissue Res.* 216(2):253-271. Apr. 1981. WR 182
[Netherlands Inst., Brain Res., IJdijk 28, 1095 KJ Amsterdam, Netherlands]

81-005050 Peterson, Randolph L. SYSTEMATIC VARIATION IN THE *TRISTIS* GROUP OF THE BENT-WINGED BATS OF THE GENUS *MINIOPTERUS* (CHIROPTERA: VESPERTILLIONIDAE). *Can. J. Zool.* 59(5):828-843. May 1981. In English

BATS (CONTINUED)

81-005050 CONTINUED with French summ. WR 182
[Dep. Mammal., Royal Ontario Mus., 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6]

81-005051 Pirlot, P. and J. Nelson. QUANTITATIVE ASPECTS OF BRAIN MORPHOLOGY IN *MACRODERMA GIGAS* (MEGADERMATIDAE, CHIROPTERA). *Aust. Mammal.* 3(2):105-108. May 1980. WR 182
[Dep. Biol., Univ. Montreal, Montreal, Quebec, Canada]

81-005052 Saint Girons, M.-C. NOTES SUR LES MAMMIFÈRES DE FRANCE. XV. LES PIPISTRELLES ET LA CIRCULATION ROUTIÈRE. [NOTES ON THE MAMMALS OF FRANCE. XV. PIPISTRELLES AND TRAFFIC.] *Mammalia* 45(1):131. 1981. In French. WR 182
[Lab. Evol. Etres Organisés, 105 Blvd. Raspail, 75006 Paris, France]

81-005053 Sazima, Marlies and Ivan Sazima. BAT VISITS TO *MARCGRAVIA MYRIOSTIGMA* TR. ET PLANCH. (MARCGRAVIACEAE) IN SOUTHERN BRAZIL. *Flora (Jena)* 169(1):84-88. 1980. From Ecol. Abstr. 1980/6:80L/7805. 1980. WR 182
Anoura caudifera and *Glossophaga soricina*.

81-005054 Scogin, Ron. FLORAL PIGMENTS AND NECTAR CONSTITUENTS OF TWO BAT-POLLINATED PLANTS: COLORATION, NUTRITIONAL, AND ENERGETIC CONSIDERATIONS. *Biotropica* 12(4):273-276. Dec. 1980. WR 182
[Rancho Santa Ana Botanic Garden, Claremont, CA 91711]

81-005055 Smith, Hugh C. FIRST RECORD FOR CANADA OF THE BAT MITE *SPINTURNIX GLOBOSUS* AND A NEW HOST, *MYOTIS LUCIFUGUS*. *Can. Field-Nat.* 95(2):206-207. Apr.-June 1981. WR 182
[Provincial Mus. Alberta, 12845-102 Ave., Edmonton, Alberta T5N 0M6, Canada]

81-005056 Smith, James Dale and Gerhard Storch. NEW MIDDLE EOCENE BATS FROM "GRUBE MESSEL" NEAR DARMSTADT, W-GERMANY (MAMMALIA: CHIROPTERA). *Senckenb. Biol.* 61(3/4):153-167. 30 Apr. 1981. In English. WR 182
[Dep. Biol. Sci., Calif. State Univ., Fullerton 92634] *Hassianycteris messelensis* and *H. magna*.

81-005057 Stevenson, Diane E. and Merlin D. Tuttle. SURVIVORSHIP IN THE ENDANGERED GRAY BAT (*MYOTIS GRISESCENS*). *J. Mammal.* 62(2):244-257. 21 May 1981. WR 182
[Vertebr. Div., Milwaukee Public Mus., Milwaukee, WI 53233]

81-005058 Tidemann, C. R.; D. P. Woodside; M. Adams and P. R. Baverstock. TAXONOMIC SEPARATION OF *EPTESICUS* (CHIROPTERA: VESPERTILIONIDAE) IN SOUTH-EASTERN AUSTRALIA BY DISCRIMINANT ANALYSIS AND ELECTROPHORESIS. *Aust. J. Zool.* 29(1):119-128. 1981. WR 182
[Zool. Dep., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

81-005059 Watkins, Larry C. and Karl. A. Shump, Jr. BEHAVIOR OF THE EVENING BAT *NYCTICEIUS HUMERALIS* AT A NURSERY ROOST. *Am. Midl. Nat.* 105(2):258-268. Apr. 1981. WR 182
[Shump: Dep. Biol. Sci., State Univ. N.Y., Brockport 14420]

BATS (CONTINUED)

81-005059 CONTINUED

81-005060 Webster, Wm. David. TOOTH REPLACEMENT PATTERNS IN *MYOTIS ALBESCENS*. *J. Mammal.* 62(2):422-423. 21 May 1981. WR 182
[Dep. Biol., Univ. N.C., Wilmington 28403]

81-005061 Werner, Henry James and W. L. Steffens. SCANNING ELECTRON MICROSCOPE OBSERVATIONS OF THE TONGUE PAPILLAE OF THE BAT, *MONOPHYLLUS REDMANI PORTORICENSIS*. *Proc. La. Acad. Sci.* 43:30-33. 31 Dec. 1980. WR 182
[Dep. Zool. & Physiol., La. State Univ., Baton Rouge 70803]

81-005062 Wheeler, Michael E. THE STATUS OF THE MARIANAS FRUIT BAT ON SAIPAN, TINIAN, AND ROTA. *'Elepaio* 40(8):109-113. Feb. 1980. WR 182
[Div. Aquat. & Wildl. Res., P.O. Box 23367, Guam Main Facility, Guam, Mariana Islands 96921] *Pteropus mariannus*.

81-005063 Wodzicki, Kazimierz and Heinz Felten. FRUIT BATS OF THE GENUS *PTEROPUS* FROM THE ISLANDS RAROTONGA AND MANGAIA, COOK ISLANDS, PACIFIC OCEAN (MAMMALIA: CHIROPTERA). *Senckenb. Biol.* 61(3/4):143-151. 30 Apr. 1981. In English with German summ. WR 182
[Dep. Zool., Victoria Univ. Wellington, Wellington, New Zealand]

RABBITS AND PIKAS

81-005064 Aarnio, Martti and Pentti Vikberg. JÄNISTEN HEINÄ- JA VILJARUOKINNASTA. [GRAIN AND HAY FEEDING OF THE BLUE HARE (*LEPUS TIMIDUS* L.).] *Suomen Riista* 28:108-113. 1980. In Finnish with English summ. WR 182
[Dep. Agric. & Forest Zool., Univ. Helsinki, SF-00710 Helsinki 71, Finland]

81-005065 Broekhuizen, Sim and Frans Maaskamp. ANNUAL PRODUCTION OF YOUNG IN EUROPEAN HARES (*LEPUS EUROPAEUS*) IN THE NETHERLANDS. *J. Zool. (Lond.)* 193(4):499-516. Apr. 1981. WR 182
[Res. Inst. Nat. Manage., Annhem, Netherlands]

81-005066 Dahlbäck, Magnus and Mats Andersson. BIOLOGY OF THE WILD RABBIT, *ORYCTOLAGUS CUNICULUS*, IN SOUTHERN SWEDEN. IV. LEYDIG CELL ACTIVITY AND SEASONAL DEVELOPMENT OF TWO MALE ACCESSORY ORGANS OF REPRODUCTION. *Acta Zool. (Stockh.)* 62(2):113-120. 1981. WR 182
[Pharmacol. Dep., AB Draco, Box 1707, S-221 01 Lund, Sweden]

81-005067 Ewell, Albert H., Jr.; John M. Cullen and Michael L. Woodruff. TONIC IMMOBILITY AS A PREDATOR-DEFENSE IN THE RABBIT (*ORYCTOLAGUS CUNICULUS*). *Behav. Neural Biol.* 31(4):483-489. Apr. 1981. WR 182
[Dep. Psychol., Middlebury Coll., Middlebury, VT 05753]

81-005068 Flinders, J. T. and C. L. Elliott. ABIOTIC CHARACTERISTICS OF BLACK-TAILED JACKRABBIT FORMS AND A HYPOTHESIS CONCERNING FORM FUNCTION. *Encyclia* 56:34-38. 1980. WR 182
[401 WIDB, Brigham Young Univ., Provo, UT 84602] *Lepus californicus*.

RABBITS AND PIKAS (CONTINUED)

81-005069 Frylestam, Bo. REPRODUCTION IN THE EUROPEAN HARE IN SOUTHERN SWEDEN. *Holarctic Ecol.* 3(2):74-80. 1980. From Ecol. Abstr. 1980/6:80L/8363. 1980. WR 182
Lepus europaeus.

81-005070 Frylestam, Bo. GROWTH AND BODY WEIGHT OF EUROPEAN HARES IN SOUTHERN SWEDEN. *Holarctic Ecol.* 3(2):81-86. 1980. From Ecol. Abstr. 1980/6:80L/8364. 1980. WR 182
Lepus europaeus.

81-005071 Fuentes, Eduardo R. and Fabián Jaksić. CONSIDERACIONES TEORICAS PARA EL CONTROL BIOLOGICO DEL CONEJO EUROPEO EN CHILE CENTRAL. [THEORETICAL CONSIDERATIONS ON THE BIOLOGICAL CONTROL OF THE EUROPEAN RABBIT IN CENTRAL CHILE.] *Medio Ambiente* 4(2):45-49. 1980. In Spanish with English summ. WR 182
[Inst. Cienicas Biol., Univ. Católica de Chile, Casilla 114-D, Santiago, Chile]

81-005072 Jaksić, Fabián and José Yáñez. /QUIEN CONTROLA LAS POBLACIONES DE CONEJOS INTRODUCIDOS? [WHO CONTROLS POPULATIONS OF INTRODUCED RABBITS?] *Medio Ambiente* 4(2):41-44. 1980. In Spanish with English summ. WR 182
[Inst. Ciencias Biol., Univ. Católca de Chile, Casilla 114-D, Santiago, Chile]

81-005073 Johnson, Randall and Jay E. Anderson. RELATIONSHIPS OF BLACK-TAILED JACK RABBIT DIETS TO POPULATION DENSITY AND VEGETAL COMPONENTS OF HABITAT. *Retort (Idaho Acad. Sci.)* 18(1):14. May 1981. Abstract only. WR 182
[Dep. Biol., Idaho State Univ., Pocatello 83209] *Lepus californicus* in Idaho.

81-005074 Saunders, I. W. EPIDEMICS IN COMPETITION. *J. Math. Biol.* 11(3):311-318. Mar. 1981. WR 182
[CSIRO, P.O. Box 310, South Melbourne, Victoria 3205, Australia] Myxomatosis in European rabbits.

81-005075 Vaughan, Michael R. and Lloyd B. Keith. DEMOGRAPHIC RESPONSE OF EXPERIMENTAL SNOWSHOE HARE POPULATIONS TO OVERWINTER FOOD SHORTAGE. *J. Wildl. Manage.* 45(2):354-380. Apr. 1981. WR 182
[Va. Coop. Wildl. Res. Unit, Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Lepus americanus* in Canada.

81-005076 Wassel, Mary E.; John O. Whitaker, Jr. and Edwin J. Spicka. THE ECTOPARASITES AND OTHER ASSOCIATES OF THE COTTONTAIL RABBIT, *SYLVILAGUS FLORIDANUS*, IN INDIANA. *Proc. Indiana Acad. Sci.* 89:418-420. 1980. WR 182
[Dep. Life Sci., Ind. State Univ., Terre Haute 47809]

81-005077 Weijs, W. A. and R. Dantuma. FUNCTIONAL ANATOMY OF THE MASTICATORY APPARATUS IN THE RABBIT (*ORYCTOLAGUS CUNICULUS* L.). *Neth. J. Zool.* 31(1):99-147. Mar. 1981. WR 182
[Dep. Anat. & Embryol., Univ. Groningen, Groningen, Netherlands]

RABBITS AND PIKAS (CONTINUED)

81-005078 West, Edward Watson. ADAPTIVE PATTERNS IN BEHAVIOR OF THE SIERRAN PIKA, *OCHOTONA PRINCEPS*. *Ph.D. dissertation, Univ. Calif. (Davis)* 112p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4374. June 1981. WR 182

81-005079 Zarnke, Randall L. and Thomas M. Yuill. POWASSAN VIRUS INFECTION IN SNOWSHORE HARES (*LEPUS AMERICANUS*). *J. Wildl. Dis.* 17(2):303-310. Apr. 1981. WR 182
[Alaska Dep. Fish & Game, 1300 College Rd., Fairbanks 99701]

RODENTS--GENERAL

81-005080 Goyal, S. P.; P. K. Ghosh and Ishwar Prakash. SIGNIFICANCE OF BODY FAT IN RELATION TO BASAL METABOLIC RATE IN SOME INDIAN DESERT RODENTS. *J. Arid Environ.* 4(1):59-62. Mar. 1981. WR 182
[Div. Anim. Studies, Central Arid Zone Res. Inst., Jodhpur 342 003, India] *Tatera indica*, *Meriones hurrianae*, *Rattus meltada* and *Golunda ellioti*.

81-005081 Hubert, B.; D. Gillon and F. Adam. CYCLE ANNUEL DU RÉGIME ALIMENTAIRE DES TROIS PRINCIPALES ESPÈCES DE RONGEURS (RODENTIA; GERBILLIDAE ET MURIDAE) DE BANDIA (SÉNÉGAL). [ANNUAL DIET CYCLE OF THE THREE PRINCIPAL SPECIES OF RODENTS (RODENTIA; GERBILLIDAE AND MURIDAE) BANDIA (SENEGAL).] *Mammalia* 45(1):1-20. 1981. In French with English summ. WR 182
[Mus. Natl. Hist. Nat., Lab. Zool., 55 rue Buffon, 75005 Paris, France]

81-005082 Kravetz, Fernando O. and Gloria de Villafañe. POBLACIONES DE ROEDORES EN CULTIVO DE MAIZ DURANTE LAS ETAPAS DE MADUREZ Y RASTROJO. [RODENT POPULATIONS IN CORN FIELD DURING THE STAGES OF MATURITY AND HAULM.] *Hist. Nat. (Mendoza)* 1(31):213-232. 1981. In Spanish with English summ. WR 182
[Fac. Cienc. Med., Paraguay 2155, Piso 11, 1121 Buenos Aires, Argentina]

81-005083 Melnyk, Roman B. INSULIN-INDUCED FEEDING IN HIBERNATORS. *Behav. Neural Biol.* 32(1):70-78. May 1981.
[Endocrine Res., Hospital for Sick Children, 555 University Ave., Toronto M5G 1X8, Canada] *Glis glis*, *Eliomys guercinus* and *Spermophilus lateralis*.

81-005084 Nelson, Randy J. and Irving Zucker. ABSENCE OF EXTRAOCULAR PHOTORECEPTION IN DIURNAL AND NOCTURNAL RODENTS EXPOSED TO DIRECT SUNLIGHT. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):145-148. 1981. WR 182
[Dep. Psychol., Univ. Calif., Berkeley 94720] *Onychomys leucogaster* and *Spermophilus lateralis*.

81-005085 Surani, M. A. H. and S. B. Fishel. EMBRYONIC AND UTERINE FACTORS IN DELAYED IMPLANTATION IN RODENTS. *J. Reprod. Fert. Suppl.* No. 29. p. 159-172. 1981. WR 182
[A.R.C. Inst. Anim. Physiol., Anim. Res. Stn., 307 Huntingdon Rd., Cambridge CB3 0JQ, England]

RODENTS--GENERAL (CONTINUED)

81-005086 Viitala, Jussi. ON THE ROLE OF AGGRESSION IN POPULATION REGULATION OF SMALL RODENTS. *Mem. Soc. Fauna Flora Fenn.* 57(1):20. 1981. Abstract only. WR 182
[Univ. Jyväskylä, Dep. Biol., SF-40100 Jyväskylä 10, Finland] Data for 3 spp.

81-005087 Viitala, Jussi. ETHOLOGICAL PROBLEMS IN SMALL RODENT STUDIES. *Mem. Soc. Fauna Flora Fenn.* 57(1):20. 1981. Abstract only. WR 182
[Univ. Jyväskylä, Dep. Biol., SF-40100 Jyväskylä 10, Finland]

SCIURIDS

81-005088 Beckman, Alexander L.; Carmen Llados-Eckman; Toni L. Stanton and Martin W. Adler. PHYSICAL DEPENDENCE ON MORPHINE FAILS TO DEVELOP DURING THE HIBERNATING STATE. *Science* 212(4502):1527-1529. 26 June 1981. WR 182
[Alfred I. duPont Inst., Wilmington, DE 19899] *Citellus lateralis.*

81-005089 Bergstrom, Robert C. and Barbara A. Werner. *NEMATOSPIROIDES DUBIUS* BAYLIS, 1926 (SYN., *HELIGMOSOMOIDES POLYGYRUS* (DUJ., 1845) RAILLIET ET HENRY, 1909) FROM THE UINTA GROUND SQUIRREL, *SPERMOPHILUS ARMATUS* KENNICOTT, 1863 FROM TETON NATIONAL PARK, WYOMING. *Proc. Helminthol. Soc. Wash.* 48(1):13-16. Jan. 1981. WR 182
[Div. Microbiol. & Veterinary Med., Univ. Wyo., Laramie 82071]

81-005090 Bintz, Gary L. and Gordon E. Torgerson. THE METABOLISM OF [^{14}C] UREA BY CONTROL AND STARVED RICHARDSON'S GROUND SQUIRRELS. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):551-555. 1981. WR 182
[Dep. Biol., Eastern Mont. Coll., Billings 59101] *Spermophilus richardsonii.*

81-005091 Brenner, Fred J. and Mary Lyons. THE EFFECT OF HIBERNATION ON A LEARNED BEHAVIOR PATTERN IN THE 13-LINED GROUND SQUIRREL (*CITELLUS TRIDECENLINEATUS*). *Proc. Pa. Acad. Sci.* 54(2):155-156. 1980. WR 182
[Biol. Dep., Grove City Coll., Grove City, PA 16127]

81-005092 Campbell, G. A.; S. D. Kosanke; D. M. Toth and G. L. White. DISSEMINATED STAPHYLOCOCCAL INFECTION IN A COLONY OF CAPTIVE GROUND SQUIRRELS (*CITELLUS LATERALIS*). *J. Wildl. Dis.* 17(2):177-181. Apr. 1981. WR 182
[Kosanke: Univ. Okla. Health Sci. Cent., P.O. Box 26901, Oklahoma City 73190]

81-005093 Campbell, Thomas M. III and Tim W. Clark. COLONY CHARACTERISTICS AND VERTEBRATE ASSOCIATES OF WHITE-TAILED AND BLACK-TAILED PRAIRIE DOGS IN WYOMING. *Am. Midl. Nat.* 105(2):269-276. Apr. 1981. WR 182
[Biota Res. & Consulting, Box 2705, Jackson, WY 83001] *Cynomys leucurus* and *C. ludovicianus.*

81-005094 Chappell, Mark A. and George A. Bartholomew. ACTIVITY AND THERMOREGULATION OF THE ANTELOPE GROUND SQUIRREL *AMMOSPERMOPHILUS LEUCURUS* IN WINTER AND SUMMER. *Physiol. Zool.* 54(2):215-223. Apr. 1981.

SCIURIDS (CONTINUED)

81-005094 CONTINUED WR 182
[Dep. Biol., Univ. Calif., Riverside 92521]

81-005095 Clarke, William P. and William C. Hartner. ELECTRICAL STIMULATION OF REWARDING HYPOTHALAMIC SITES IN THE 13-LINED GROUND SQUIRREL, *CITELLUS TRIDECEMLINEATUS*, DURING HIBERNATION: SENSITIVITY AND THERMOGENIC EFFECTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):479-486. 1981. WR 182
[Hartner: Dep. Biol., Northeastern Univ., Boston, MA 02115]

81-005096 Elliott, Charles L. and Jerran T. Flinders. POSTEMERGENCE DEVELOPMENT AND INTERYEAR RESIDENCE OF JUVENILE COLUMBIAN GROUND SQUIRRELS IN THE IDAHO PRIMITIVE AREA. *Great Basin Nat.* 40(4):362-364. 31 Dec. 1980. WR 182
[Dep. Bot. & Range Sci., Brigham Young Univ., Provo, UT 84602] *Spermophilus columbianus*.

81-005097 Ferron, Jean. COMPARATIVE ONTOGENY OF BEHAVIOUR IN FOUR SPECIES OF SQUIRRELS (SCIURIDAE). *Z. Tierpsychol.* 55(3):193-216. 1981. In English with German summ. WR 182
[Dèp. Sci. Pures (Biol.), Univ. Québec, 300 Ave des Ursulines, Rimouski, Québec Canada G5L 3A1] *Spermophilus columbianus, S. lateralis, Tamiasciurus hudsonicus* and *Glaucomys sabrinus*.

81-005098 Florant, Gregory L. and Elliot D. Weitzman. DIURNAL AND EPISODIC PATTERN OF PLASMA CORTISOL DURING FALL AND SPRING IN YOUNG AND OLD WOODCHUCKS (*MARMOTA MONAX*). *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):575-581. 1980. WR 182
[Dep. Neurol., Montefiore Hospital & Med. Cent., Albert Einstein Coll. Med., Bronx, NY 10467]

81-005099 Gessaman, James A. HEART RATE AND BODY TEMPERATURE OF THE UINTA GROUND SQUIRREL IN THE FIELD. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):707-710. 1980. WR 182
[Dep. Biol., Utah State Univ., Logan 84322] *Spermophilus armatus* in Utah.

81-005100 Ginatulin, A. A.; L. K. Ginatulina and N. N. Vorontsov. UNUSUAL NATURE OF NUCLEOTIDE SEQUENCES IN THE GENOME OF ARCTIC SUSLIK *CITELLUS PARRYI*. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Adad. Nauk SSSR)* 254(1-6):467-470. Mar. 1981. Translated from Dokl. Akad. Nauk SSSR 254(5):1254-1258. Oct. 1980. WR 182
[Biol.-Soil Inst., Far East Sci. Cent. Acad. Sci. USSR, Vladivostok, USSR]

81-005101 Henderson, Nancy E. and Barbara A. Demeneix. HIBERNATION IN THYROIDECTOMIZED GROUND SQUIRRELS, *SPERMOPHILUS RICHARDSONI*. *Gen. Comp. Endocrinol.* 43(4):543-548. Apr. 1981. WR 182
[Dep. Biol., Univ. Calgary, Calgary, Alberta T2N 1N4, Canada]

81-005102 Hobbs, Donna Edeen. THE EFFECT OF HABITAT SOUND PROPERTIES ON ALARM CALLING BEHAVIOR IN TWO SPECIES OF TREE SQUIRRELS (*SCIURUS NAYARITENSIS* AND *SCIURUS ARIZONENSIS*). *Ph.D. dissertation, Univ. Ariz.* 74p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3996. May. 1981. WR 182

SCIURIDS (CONTINUED)

81-005103 Holcombe, Edna Virginia. THE COURSE AND LAMINAR ORIGINS OF DESCENDING TECTOFUGAL PATHWAYS IN THE GREY SQUIRREL. *Ph.D. dissertation, Duke Univ.* 120p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4341. June 1981. WR 182
Sciurus carolinensis.

81-005104 Hoogland, John L. THE EVOLUTION OF COLONIALITY IN WHITE-TAILED AND BLACK-TAILED PRAIRIE DOGS (SCIURIDAE: *CYNOMYS LEUCURUS* AND *C. LUDOVICIANUS*). *Ecology* 62(1):252-272. Feb. 1981. WR 182
[Dep. Biol., Princeton Univ., Princeton, NJ 08544]

81-005105 Jones, Trevor R. and Ronald K. Plakke. THE HISTOLOGY AND HISTOCHEMISTRY OF THE PERIANAL SCENT GLAND OF THE REPRODUCTIVELY QUIESCENT BLACK-TAILED PRAIRIE DOG *(CYNOMYS LUDOVICIANUS). J. Mammal.* 62(2):362-368. 21 May 1981. WR 182
[Dep. Pathol., Duke Univ. Med. Cent., Durham, NC 27710]

81-005106 Kenagy, G. J. ENDOGENOUS ANNUAL RHYTHM OF REPRODUCTIVE FUNCTION IN THE NON-HIBERNATING DESERT GROUND SQUIRREL *AMMOSPERMOPHILUS LEUCURUS. J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 142(2):251-258. 1 Apr. 1981. WR 182
[Dep. Zool., Univ. Wash., Seattle 98195]

81-005107 Lewis, Allen R. PATCH USE BY GRAY SQUIRRELS AND OPTIMAL FORAGING. *Ecology* 61(6):1371-1379. Dec. 1980. WR 182
[Dep. Biol., Univ. Puerto Rico, Mayaguez 00708] *Sciurus carolinensis* in New York.

81-005108 Mace, T. F. and C. D. Shepard. HELMINTHS OF A VANCOUVER ISLAND MARMOT, *MARMOTA VANCOUVERENSIS* SWARTH, 1911, WITH A DESCRIPTION OF *DIANDRYA VANCOUVERENSIS* SP. NOV. (CESTODA: ANOPLOCEPHALIDAE). *Can. J. Zool.* 59(5):790-792. May 1981. In English with French summ. WR 182
[Dep. Biol., Univ. Victoria, Victoria, British Columbia, Canada V8W 2Y2]

81-005109 Maclean, Graeme S. FACTORS INFLUENCING THE COMPOSITION OF RESPIRATORY GASES IN MAMMAL BURROWS. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):373-380. 1981. WR 182
[Dep. Biol., Univ. Tex., Arlington 76019] *Spermophilus tridecemlineatus.*

81-005110 Mares, M. A.; K. E. Streilein and M. R. Willig. EXPERIMENTAL ASSESSMENT OF SEVERAL POPULATION ESTIMATION TECHNIQUES ON AN INTRODUCED POPULATION OF EASTERN CHIPMUNKS. *J. Mammal.* 62(2):315-328. 21 May 1981. WR 182
[Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA 16424] *Tamias striatus* in Pennsylvania.

81-005111 Miller, M. D. VANCOUVER ISLAND MARMOT. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 106-109. 1980. WR 182

SCIURIDS (CONTINUED)

81-005111 CONTINUED
[R.R. #1 Shorewood Dr., Site 18, Parksville, British Columbia, Canada V0R 2S0] *Marmota vancouverensis* in Canada.

81-005112 Pigage, Jon Charles. NATURAL AND HORMONALLY INDUCED CHANGES OF THE REPRODUCTIVE ORGANS AND PINEAL GLAND ACTIVITY DURING HIBERNATION IN THE GROUND SQUIRREL, *SPERMOPHILUS RICHARDSONII. Ph.D. dissertation, Univ. N.D.* 196p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):4025. May 1981. WR 182

81-005113 Popova, Nina K. and Ninel N. Voitenko. BRAIN SEROTONIN METABOLISM IN HIBERNATION. *Pharmacol. Biochem. Behav.* 14(6):773-777. June 1981. WR 182
[Inst. Cytol. & Genetics, Siberian Branch Acad. Sci. USSR, Novosibirsk, USSR] *Citellus erythrogenys major.*

81-005114 Raison, J. K.; E. J. McMurchie; J. S. Charnock and R. A. Gibson. DIFFERENCES IN THE THERMAL BEHAVIOUR OF MYOCARDIAL MEMBRANES RELATIVE TO HIBERNATION. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(2):169-174. 1981. WR 181
[CSIRO Div. Human Nutrition, Kintore Ave., Adelaide, South Australia 5000, Australia] *Spermophilus richardsonii.*

81-005115 Rauch, Josefine C. and Hans W. Behrisch. KETONE BODIES: A SOURCE OF ENERGY DURING HIBERNATION. *Can. J. Zool.* 59(5):754-760. May 1981. In English with French summ. WR 182
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2] *Spermophilus undulatus.*

81-005116 Rieck, Richard William. CEREBRAL CORTICAL AFFERENTS ARISING FROM BASAL FOREBRAIN NUCLEI IN THE GREY SQUIRREL *(SCIURUS CAROLINENSIS). Ph.D. dissertation, Univ. Cincinnati* 191p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3652. Apr. 1981. WR 182

81-005117 Siwela, Andrew Anderson. THE REPRODUCTIVE BIOLOGY OF THE GREY SQUIRREL, *SCIURUS CAROLINENSIS. Ph.D. dissertation, Univ. Western Ontario* 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4416. June 1981. WR 182

81-005118 Sonenshine, Daniel E.; David M. Lauer; Thomas C. Walker and Bennett L. Elisberg. THE ECOLOGY OF *GLAUCOMYS VOLANS* (LINNAEUS, 1758) IN VIRGINIA. *Acta Theriol.* 24(26):363-377. 1979. In English with Polish summ. WR 182
[Dep. Biol. Sci., Old Dominion Univ., Norfolk, VA 23508]

81-005119 Swenson, Jon E. DISTRIBUTION OF RICHARDSON'S GROUND SQUIRREL IN EASTERN MONTANA. *Prairie Nat.* 13(1):27-30. Mar. 1981. WR 182
[Mont. Dep. Fish, Wildl. & Parks, Box 36, Rosebud 59347] *Spermophilus richardsonii.*

SCIURIDS (CONTINUED)

81-005120 Törmälä, Timo; Hannu Vuorinen and Heikki Hokkanen. TIMING OF CIRCADIAN ACTIVITY IN THE FLYING SQUIRREL IN CENTRAL FINLAND. *Acta Theriol.* 25(38):461-474. 1980. In English with Polish summ. WR 182
[Dep. Biol., Univ. Jyväskylä 40100 Jyräskylä 10, Finland] *Pteromys volans.*

81-005121 Tait, A. J.; G. S. Pope and Elizabeth Johnson. PROGESTERONE CONCENTRATIONS IN PERIPHERAL PLASMA OF NON-PREGNANT AND PREGNANT GREY SQUIRRELS (*SCIURUS CAROLINENSIS*). *J. Endocrinol.* 89(1):107-116. Apr. 1981. WR 182
[Dep. Zool., The University, Whiteknights, Reading RG6 2AJ, England]

81-005122 Tyler, Gail V.; Jesse W. Summers and Robert L. Snyder. WOODCHUCK HEPATITIS VIRUS IN NATURAL WOODCHUCK POPULATIONS. *J. Wildl. Dis.* 17(2):297-301. Apr. 1981. WR 182
[Penrose Res. Lab., Zool. Soc. Philadelphia, 34th St. and Girard Ave., Philadelphia, PA 19104] *Marmota monax.*

81-005123 Whitten, Jane E. J. ECOLOGICAL SEPARATION OF THREE DIURNAL SQUIRRELS IN TROPICAL RAINFOREST ON SIBERUT ISLAND, INDONESIA. *J. Zool. (Lond.)* 193(3):405-420. Mar. 1981. WR 182
[Dep. Appl. Biol., Univ. Cambridge, Cambridge, England] *Sundasciurus lowii, Callosciurus melanogaster* and *Lariscus obscurus.*

81-005124 Zegers, David A. and Olwen Williams. ENERGY FLOW THROUGH A POPULATION OF RICHARDSON'S GROUND SQUIRRELS. *Acta Theriol.* 24(17):221-235. 1979. In English with Polish summ. WR 182
[Dep. Biol., Millersville State Coll., Millersville, PA 17551] *Spermophilus richardsonii.*

BEAVER, MUSKRAT, AND NUTRIA

81-005125 Ahlgrén, Simo. PIISAMI. [MUSKRAT.] *Suomen Riista* 27:81-83. 1980. In Finnish with English summ. WR 182
[Hämeenkatu 28, SF-33200 Tampere 20, Finland] *Ondatra zibethicus* in Finland.

81-005126 Brady, Charles A. and Gerald E. Svendsen. SOCIAL BEHAVIOR IN A FAMILY OF BEAVER, *CASTOR CANADENSIS. Biol. Behav.* 6(1):99-114. 1981. In English with French summ. WR 182
[Dep. Zool., Ohio Univ., Athens 45701]

81-005127 Brown, J. Willcox. BEAVER MYTHOLOGY REVISITED AND/OR EXTENDED. *N.H. Audubon Annu.* p. 21-23. 1981. WR 182
Castor canadensis.

81-005128 Kohli, Erich. 24-STUNDEN-AKTIVITÄTSZYKLUS FREILEBENDER NUTRIAS (*MYOCASTOR COYPUS*) IN DER CAMARGUE (SÜDFRANKREICH). [24-HOUR ACTIVITY CYCLE IN FERAL CAMARGUE COYPUS.] *Z. Tierpsychol.*

BEAVER, MUSKRAT, AND NUTRIA (CONTINUED)

81-005128 CONTINUED 54(4):368-380. 1980. In German with English summ. WR 182
[Mühlinstraße 9, CH-3006 Bern, Switzerland]

81-005129 Lahti, Seppo and Matti Helminen. SUOMEN MAJAVIEN LEVINNEISYYDEN MUUTOKSET VUOSINA 1965-1975. [THE STATUS OF EUROPEAN AND CANADIAN BEAVERS IN FINLAND IN 1965-75.] *Suomen Riista* 27:70-77. 1980. In Finnish with English summ. WR 182
[Dep. Zool., Pohj. Rautatiekatu 13, SF-00100 Helsinki 10, Finland] *Castor fiber* and *Castor canadensis*.

81-005130 Lopetegui N., Oscar. OBSERVACIONES DE LA ACTIVIDAD ANUAL DE *MYOCASTOR COYPUS* (MOLINA) EN LA LAGUNA MALLECO. [OBSERVATIONS ON THE ANNUAL ACTIVITY OF *MYOCASTOR COYPUS* (MOLINA) IN MALLECO LAGOON.] *Medio Ambiente* 4(2):29-34. 1980. In Spanish. WR 182
[Inst. Ecol. & Evol., Univ. Austral de Chile, Casilla 567, Valdivia, Chile]

81-005131 Love, John Robert. FOODS OF NUTRIA IN A LOUISIANA BRACKISH MARSH. *M.S. thesis, La. State Univ.* vii + 33p. 1981. Available through interlibrary loan, Middleton Library, La. State Univ., Baton Rouge 70803. WR 182
Myocastor coypus.

81-005132 Mahoney, J. M. and H. I. Rosenberg. ANATOMY OF THE TAIL IN THE BEAVER (*CASTOR CANADENSIS*). *Can. J. Zool.* 59(3):390-399. Mar. 1981. In English with French summ. WR 182
[Rosenberg: Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1NY]

81-005133 Moilanen, Pekka. TÄYDENTÄVIÄ TIETOJA SUOMEN MAJAVIEN ISTUTUSHISTORIAAN. [ADDITIONS TO THE HISTORY OF BEAVER REINTRODUCTION IN FINLAND.] *Suomen Riista* 27:78-80. 1980. In Finnish with English summ. WR 182
[SF-12310 Ryttylä, Finland] *Castor fiber* and *Castor canadensis*.

81-005134 Murúa, Roberto and M. F. Christen. DETERMINACION DE LOS REQUERIMIENTOS DE ENERGIA DEL *MYOCASTOR COYPUS* (MOLINA, 1782) EN BASE A CUATRO DIETAS MONOESPECIFICAS. [DETERMINATION OF THE ENERGY REQUIREMENTS OF *MYOCASTOR COYPUS* (MOLINA, 1782) BASED ON FOUR MONOSPECIFIC DIETS.] *Medio Ambiente* 4(2):23-28. 1980. In Spanish. WR 182
[Inst. Ecol. & Evol., Univ. Austral de Chile, Casilla 567, Valdivia, Chile]

81-005135 Pankakoski, Erkki. AN IMPROVED METHOD FOR AGE DETERMINATION IN THE MUSKRAT, *ONDATRA ZIBETHICA* (L.). *Ann. Zool. Fenn.* 17(2):113-121. 1980. WR 182
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

81-005136 Sherer, Jon and Bruce A. Wunder. THERMOREGULATION OF A SEMI-AQUATIC MAMMAL, THE MUSKRAT, IN AIR AND WATER. *Acta Theriol.* 24(19):249-256. 1979. In English with Polish summ. WR 182

BEAVER, MUSKRAT, AND NUTRIA (CONTINUED)

81-005136 CONTINUED
[Dep. Zool.-Entomol., Colo. State Univ., Fort Collins 80523] *Ondatra zibethicus.*

81-005137 Szteyn, Stanisław and Danuta Galert. NUCLEI OF THE GENICULATE BODIES IN THE EUROPEAN BEAVER. *Acta Theriol.* 24(10):109-114. 1979. In English with Polish summ. WR 182
[Teachers Training Coll., Dep. Biol., Żołnierska 14, 10-561, Olsztyn, Poland] *Castor fiber.*

81-005138 Wyrzykowska, Krystyna and Zygmunt Wyrzykowski. STRUCTURE AND TOPOGRAPHY OF THE THYMUS IN THE EUROPEAN BEAVER. *Acta Theriol.* 24(29):399-404. 1979. In English with Polish summ. WR 182
[Inst. Fundament. Vet. Sci., Agric. Tech. Acad., 10-957 Olsztyn, Poland] *Castor fiber.*

81-005139 Zurowski, Wirgiliusz. PRELIMINARY RESULTS OF EUROPEAN BEAVER REINTRODUCTION IN THE TRIBUTARY STREAMS OF THE VISTULA RIVER. *Acta Theriol.* 24(7):85-91. 1979. In English with Polish summ. WR 182
[Inst. Genet. & Anim. Breeding, Polish Acad. Sci. Res. Stn., Popielno, Poland] *Castor fiber.*

RATS AND MICE

81-005140 Aquadro, Charles F. and John C. Avise. GENETIC DIVERGENCE BETWEEN RODENT SPECIES ASSESSED BY USING TWO-DIMENSIONAL ELECTROPHORESIS. *Proc. Natl. Acad. Sci. USA* 78(6):3784-3788. June 1981. WR 182
[Dep. Molecular & Population Genetics, Univ. Ga., Athens 30602] *Peromyscus maniculatus, P. leucopus, P. boylii, Ochrotomys nuttalli, Sigmodon hispidus* and *Mus musculus.*

81-005141 Cockburn, Andrew. THE DIET OF THE NEW HOLLAND MOUSE (*PSEUDOMYS NOVAEHOLLADIAE*) AND THE HOUSE MOUSE (*MUS MUSCULUS*) IN A VICTORIAN COASTAL HEATHLAND. *Aust. Mammal.* 3(1):31-34. May 1980. WR 182
[Mus. Vertebr. Zool., 3593 Life Sci. Bldg., Univ. Calif., Berkeley 94720]

81-005142 Fulk, George W.; Shaher Bano Lathiya and Abdul Rauf Khokhar. RICE-FIELD RATS OF LOWER SIND: ABUNDANCE, REPRODUCTION AND DIET. *J. Zool. (Lond.)* 193(3):371-390. Mar. 1981. WR 182
[New England Coll. Optometry, 424 Beacon St., Boston, MA 02115] *Bandicota bengalensis, Millardia meltada, Nesokia indica* and *Mus* sp.

81-005143 Gidley-Baird, A. A. ENDOCRINE CONTROL OF IMPLANTATION AND DELAYED IMPLANTATION IN RATS AND MICE. *J. Reprod. Fert. Suppl.* No. 29. p. 97-109. 1981. WR 182
[Dep. Veterinary Physiol., Univ. Sydney, New South Wales 2006, Australia]

RATS AND MICE (CONTINUED)

81-005144 Sood, M. L. and D. S. Dilber. THE COMPOSITION AND FLUCTUATION OF POPULATION OF SYMPATRIC MURIDS IN PAU FIELDS. *J. Bombay Nat. Hist. Soc.* 74(3):521-524. Dec. 1977. WR 182
[Dep. Zool., Punjab Agric. Univ., Ludhiana, India] Data for 8 spp.

81-005145 Teraoka, Wesley; Kenneth Nagata and Carolyn Corn. PREDATION OF *PIPTURUS ALBIDUS* FRUIT BY RODENTS. *'Elepaio* 41(12):134. June 1981. WR 182
[Lyon Arboretum, 3860 Manoa Rd., Honolulu, HI 96822]

RATTUS AND MUS

81-005146 Adams, Nelson and Robert Boice. MOUSE (*MUS*) BURROWS: EFFECTS OF AGE, STRAIN, AND DOMESTICATION. *Anim. Learn. Behav.* 9(1):140-144. Feb. 1981. WR 182
[Boice: Dep. Psychol., State Univ. N.Y., 1400 Washington Ave., Albany 12222]

81-005147 Andreassen, J. and C. A. Hopkins. IMMUNOLOGICALLY MEDIATED REJECTION OF *HYMENOLEPIS DIMINUTA* BY ITS NORMAL HOST, THE RAT. *J. Parasitol.* 66(6):898-903. Dec. 1980. WR 182
[Zool. Lab., Univ. Copenhagen, Universitetsparken 15, DK-2100 Copenhagen, Denmark] *Rattus norvegicus.*

81-005148 Baker, Ann Eileen Miller. GENE FLOW IN HOUSE MICE: BEHAVIOR IN POPULATION CAGE. *Behav. Ecol. Sociobiol.* 8(2):83-90. 1981. WR 182
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Mus musculus.*

81-005149 Barnett, S. A. and K. A. Foster. COLD-ADAPTATION AND THE PARENT-YOUNG INTERACTIONS OF WILD HOUSE MICE, *MUS MUSCULUS. Physiol. Behav.* 26(5):839-843. May 1981. WR 182
[Dep. Zool., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

81-005150 Berry, R. J.; R. D. Sage; W. Z. Lidicker and W. B. Jackson. GENETICAL VARIATION IN THREE PACIFIC HOUSE MOUSE (*MUS MUSCULUS*) POPULATIONS. *J. Zool. (Lond.)* 193(3):391-404. Mar. 1981. WR 182
[Dep. Zool., Univ. Coll. London, London, England]

81-005151 Brown, Gregory G. and Melvin V. Simpson. INTRA- AND INTERSPECIFIC VARIATION OF THE MITOCHONDRIAL GENOME IN *RATTUS NORVEGICUS* AND *RATTUS RATTUS*: RESTRICTION ENZYME ANALYSIS OF VARIANT MITOCHONDRIAL DNA MOLECULES AND THEIR EVOLUTIONARY RELATIONSHIPS. *Genetics* 97(1):125-143. Jan. 1981. WR 182
[Dep. Biochem., State Univ. N.Y., Stony Brook 11794]

81-005152 Clark, David B. POPULATION ECOLOGY OF *RATTUS RATTUS* ACROSS A DESERT-MONTANE FOREST GRADIENT IN THE GALÁPAGOS ISLANDS. *Ecology* 61(6):1422-1433. Dec. 1980. WR 182
[Organization Trop. Stud., Univ. Costa Rica, Ciudad Universitaria, Costa Rica]

RATTUS AND MUS (CONTINUED)

81-005153 Clout, M. N. SHIP RATS (*RATTUS RATTUS* L.) IN A *PINUS RADIATA* PLANTATION. *N.Z. J. Ecol.* 3:141-145. 1980. WR 182
[Ecol. Div., DSIR, Private Bag, Nelson, New Zealand]

81-005154 de Boer, P. and J. H. Nijhoff. INCOMPLETE SEX CHROMOSOMES, PAIRING IN OLIGOSPERMIC MALE HYBRIDS OF *MUS MUSCULUS* AND *M. MUSCULUS MOLOSSINUS* IN RELATION TO THE SOURCE OF THE Y CHROMOSOME AND THE PRESENCE OR ABSENCE OF A RECIPROCAL TRANSLOCATION. *J. Reprod. Fert.* 62(1):235-243. May. 1981. WR 182
[Dep. Genetics, Agric. Univ., Gen. Foulkesweg 53, 6703 BM Wageningen, Netherlands]

81-005155 Feldhamer, George A. and J. Edward Gates. A BLACK RAT POPULATION IN WESTERN MARYLAND. *Proc. Pa. Acad. Sci.* 54(2):191-192. 1980. WR 182
[Appalachian Environ. Lab., Frostburg State Coll. Campus, Gunter Hall, Frostburg, MD 21532] *Rattus rattus.*

81-005156 Guihard-Costa, A.-M. and M. Sakka. MÈTHODE D'ÉTUDE DES PROCESSUS BIOLOGIQUES DE LA CROISSANCE OSSEUSE PAR COLORATION *IN VIVO* AVEC LE ROUGE D'ALIZARINE S. [*IN VIVO* RED-ALIZARINE S COLORATION AS A METHOD IN THE STUDY OF THE BONE GROWTH BIOLOGICAL PROCESS.] *Mammalia* 45(1):128-131. 1981. In French. WR 182
[Lab. Morphol. Evol., Primatol, Anthropgénèse, Univ. René Descartes, Paris V, France] *Mus musculus.*

81-005157 Hackmann, Lee Ann; Paula A. Wuest and Gary W. Barrett. EFFECTS OF RESOURCE PARTITIONING ON THE HOME RANGE OF FERAL HOUSE MICE. *Acta Theriol.* 25(35):425-430. 1980. In English with Polish summ. WR 182
[Dep. Zool.-Inst. Environ. Sci., Miami Univ., Oxford, OH 45056] *Mus musculus.*

81-005158 Hansen, Janette. COMPARATIVE STUDIES OF METHODS FOR ESTIMATING RANK ORDER OF ADULT AND SUBADULT MICE (*MUS MUSCULUS*). *Nem. Soc. Fauna Flora Fenn.* 57(1):6. 1981. Abstract only. WR 182
[Zool. Lab., Universitetsparken 15, 2100 Copenhagen Ø, Denmark]

81-005159 Kanwar, Usha and H. R. Dung. THE FORMATION OF GIANT CELLS IN THE TESTES, AND THE MALE REPRODUCTIVE CYCLICITY IN FIELD-RAT, *RATTUS MELTADA PALLIDOR* (RYLEY). *Res. Bull. Panjab Univ.* 28(3-4):207-209. Dec. 1977. WR 182
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-005160 Kozlov, A. N. [REPRODUCTION OF THE NORWAY RAT *RATTUS NORVEGICUS* IN THE ANIMAL HUSBANDRY PREMISES IN NORTH KAZAKHSTAN.] *Zool. Zh.* 60(4):587-594. Apr. 1981. In Russian with English summ. WR 182
[Turgai Agric. Exp. Stn., Svobodnyi, USSR]

81-005161 Kratzer, Paul G. and Verne M. Chapman. X CHROMOSOME REACTIVATION IN OOCYTES OF *MUS CAROLI*. *Proc. Natl. Acad. Sci. USA* 78(5):3093-3097. May 1981. WR 182
[Molecular Biol. Dep., Roswell Park Memorial Inst. 666 Elm St., Buffalo, NY 14263]

RATTUS AND MUS (CONTINUED)

81-005162 López-Fuster, M. J. and J. Gosálbez. UTILIZACIÓN DEL ESQUELETO POSTCRANEAL Y DE LA MANDÍBULA DE *MUS MUSCULUS* L. 1758 EN EL ESTUDIO DE LA ALIMENTACIÓN DES SUS DEPREDADORES. [USE OF POSTCRANIAL SKELETON AND MANDIBLE OF *MUS MUSCULUS* L. 1758 IN THE STUDY OF THE FOOD HABITS OF ITS PREDATORS.] *Publ. Dep. Zool. Univ. Barcelona* 5:79-83. 1980. In Spanish with German summ. WR 182
[Dep. Zool., Fac. Biol., Univ. Barcelona, Barcelona-7, Spain]

81-005163 Mann, G. S. MIGRATORY BEHAVIOUR OF *MUS PLATYTHRIX* AT LUDHIANA (PUNJAB). *J. Bombay Nat. Hist. Soc.* 74(3):520-521. Dec. 1977. WR 182
[Dep. Entomol., Punjab Agric. Univ., Ludhiana, India]

81-005164 Massey, Adrianne and John G. Vandenbergh. PUBERTY ACCELERATION BY A URINARY CUE FROM MALE MICE IN FERAL POPULATIONS. *Biol. Reprod.* 24(3):523-527. Apr. 1981. WR 182
[N.C. State Univ., Dep. Zool., P.O. Box 5577, Raleigh 27650] *Mus musculus.*

81-005165 Massey, Adrianne. PUBERTY MODIFICATION BY URINARY CUES FROM WILD MICE IN FERAL POPULATIONS. *Ph.D. dissertation, N.C. State Univ.* 72p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4416. June 1980. WR 182
Mus musculus.

81-005166 Matthews, Michael K., Jr. SHORT- AND LONG TERM EFFECTS OF AGGRESSIVE BEHAVIOR ON URINARY MARKING IN *MUS MUSCULUS. Behav. Neural Biol.* 32(1):104-110. May 1981. WR 182
[4228 William St., Omaha, NE 68105]

81-005167 McDonough, James J.; Joseph H. Porter; Peter A. Goldsmith and R. G. Granger. SCHEDULE-INDUCED POLYDIPSIA IN F1 HYBRID RATS OF WILD-CAUGHT AND DOMESTIC NORWAY RATS. *Physiol. Behav.* 26(6):1001-1005. June 1981. WR 182
[Dep. Psychol., Va. Commonwealth Univ. Richmond 23284] *Rattus norvegicus.*

81-005168 McKenna, Thomas M. and Howard Haines. SODIUM METABOLISM DURING ACCLIMATION TO WATER RESTRICTION BY WILD MICE, *MUS MUSCULUS. Am. J. Physiol.* 240(5):R319-R326. May 1981. WR 182
[Dep. Zool., Univ. Okla., Norman 73019]

81-005169 Moore, Celia L. AN OLFACTORY BASIS FOR MATERNAL DISCRIMINATION OF SEX OF OFFSPRING IN RATS (*RATTUS NORVEGICUS*). *Anim. Behav.* 29(2):383-386. May 1981. WR 182
[Dep. Psychol., Univ. Mass., Boston 02125]

81-005170 Nichols, D. J. and P. F. D. Chevins. PLASMA CORTICOSTERONE FLUCTUATIONS DURING THE OESTROUS CYCLE OF THE HOUSE MOUSE. *Experientia (Basel)* 37(3):319-320. 15 Mar. 1981. WR 182
[Dep. Biol. Sci., Univ. Keele, Keele (Staffordshire), England] *Mus musculus.*

RATTUS AND MUS (CONTINUED)

81-005171 Pang, Kevin; Eugene Lee; Robert Blanchard and Bruce Morton. UTILIZATION OF THE ^{14}C-DEOXYGLUCOSE METHOD TO MAP BRAIN ACTIVITIES PRESENT IN WILD RATS DURING FEAR. *Pac. Sci.* 34(3):335. July 1980. WR 182
[Dep. Biochem. & Biophysics, Univ. Hawaii, Honolulu 96822] *Rattus* sp.

81-005172 Rao, A. M. K. Mohana. OBSERVATIONS ON SOME MICROCLIMATIC ASPECTS IN THE BURROWS OF THE INDIAN FIELD MOUSE, *MUS BOODUGA* (GRAY, 1837). *Säugetierkd. Mitt.* 28(4):314-316. 1980. In English. WR 182
[Central Arid Zone Res. Inst., Jodhpur-342003, India]

81-005173 Stewart, A. P. and S. A. Barnett. SEASONAL INFLUENCES ON THE MOVEMENTS OF BUSH RATS, *RATTUS FUSCIPES*, IN AN ARTIFICIAL ENVIRONMENT. *Aust. J. Zool.* 29(1):41-48. 1981. WR 182
[Cent. Continuing Education, Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

81-005174 Taylor, George T. SEX PHEROMONES AND AGGRESSIVE BEHAVIOR IN MALE RATS. *Anim. Learn. Behav.* 8(3):485-490. Aug. 1980. WR 182
[Univ. Mo., St. Louis 63121] *Rattus norvegicus*.

81-005175 Tegelström, Håkan and Hans Ryttman. SEX DIFFERENCES AND ANDROGENIC REGULATION OF ESTERASES IN THE HOUSE MOUSE. *Hereditas* 94(2):189-201. 1981. WR 182
[Dep. General Genetics, Univ. Uppsala, S-750 07 Uppsala, Sweden] *Mus musculus*.

81-005176 van Oortmerssen, G. A. and Th. C. M. Bakker. ARTIFICIAL SELECTION FOR SHORT AND LONG ATTACK LATENCIES IN WILD *MUS MUSCULUS DOMESTICUS*. *Behav. Genet.* 11(2):115-126. Mar. 1981. WR 182
[Dep. Genetics, Univ. Groningen, 9750 AA Haren, Netherlands]

81-005177 Yoshinaga, Koji. INDUCTION OF DELAYED IMPLANTATION IN RATS BY LH-RH. *J. Reprod. Fert. Suppl.* No. 29. p. 131-133. 1981. WR 182
[Reproductive Sci. Branch, CPR, NICHHD, Natl. Inst. Health, Bethesda, MD 20205] *Rattus norvegicus*.

81-005178 Yosida, Tosihide H. SEGREGATION OF KARYOTYPES IN THE F_2 GENERATION OF THE HYBRIDS BETWEEN MAURITIUS AND OCEANIAN TYPE BLACK RATS WITH A NOTE ON THEIR LITTER SIZE. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 56(9):557-561. 1980. WR 182
[Natl. Inst. Genetics, Misima, Japan] *Rattus rattus*.

OTHER RODENTS

81-005179 Abramsky, Zvika. HABITAT RELATIONSHIPS AND COMPETITION IN TWO MEDITERRANEAN *APODEMUS* SPP. *Oikos* 36(2):219-225. Mar. 1981. In English with Russian summ. WR 182
[Dep. Biol., Ben-Gurion Univ. Negev, Beer Sheva, Israel] *Apodemus mystacinus* and *A. sylvaticus* in Israel.

OTHER RODENTS (CONTINUED)

81-005180 Andersen, Douglas Craig. POPULATION DYNAMICS AND BIOENERGETICS OF A FOSSORIAL RODENT, THE NORTHERN POCKET GOPHER (*THOMONYS TALPOIDES*), IN A SPRUCE-FIR ECOSYSTEM. *Ph.D. dissertation, Utah State Univ.* 147p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3675. Apr. 1981. WR 182

81-005181 Andersen, Douglas C. and James A. MacMahon. POPULATION DYNAMICS AND BIOENERGETICS OF A FOSSORIAL HERBIVORE, *THOMONYS TALPOIDES* (RODENTIA: GEOMYIDAE), IN A SPRUCE-FIR SERE. *Ecol. Monogr.* 51(2):179-202. June 1981. WR 182
[Dep. Forestry & Nat. Resour., Purdue Univ., West Lafayette, IN 47907]

81-005182 Andersson, Bertil and Torgny Gustafsson. RELATION BETWEEN FERTILITY AND ADRENAL GROWTH AFTER MATING IN THE BANK VOLE, *CLETHRIONOMYS GLAREOLUS*. *Can. J. Zool.* 59(3):329-331. Mar. 1981. In English with French summ. WR 182
[Dep. Zool., Univ. Lund, S-223 62 Lund, Sweden]

81-005183 Andrews, Richard V. NON-HABITUATION OF CORE TEMPERATURE RESPONSES FROM INTRASPECIFIC CONFRONTATION BETWEEN DEER MICE. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(2):267-271. 1981. WR 182
[Dep. Physiol., Creighton Univ., Omaha, NE 68178] *Peromyscus maniculatus*.

81-005184 Babińska-Werka, Joanna; Joanna Gliwicz and Jacek Goszczyński. SYNURBIZATION PROCESSES IN A POPULATION OF *APODEMUS AGRARIUS*. II. HABITATS OF THE STRIPED FIELD MOUSE IN TOWN. *Acta Theriol.* 24(30):405-415. 1979. In English with Polish summ. WR 182
[Res. Inst. Environ. Dev., Krzywickiego 9, 02-078 Warsaw, Poland]

81-005185 Babińska-Werka, Joanna. EFFECTS OF COMMON VOLE ON ALFALFA CROP. *Acta Theriol.* 24(22):281-297. 1979. In English with Polish summ. WR 182
[Res. Inst. Environ. Dev., Krzywickiego 9, 02-078 Warsaw, Poland]

81-005186 Baddaloo, E. G. Y. and F. V. Clulow. EFFECTS OF THE MALE ON GROWTH, SEXUAL MATURATION, AND OVULATION OF YOUNG FEMALE MEADOW VOLES, *MICROTUS PENNSYLVANICUS*. *Can. J. Zool.* 59(3):415-421. Mar. 1981. In English with French summ. WR 182
[Clulow: Dep. Biol., Laurentian Univ., Sudbury, Ontario, Canada P3E 2C6]

81-005187 Baker, Robert J. and Richard K. Barnett. KARYOTYPIC ORTHOSELECTION FOR ADDITIONS OF HETEROCHROMATIC SHORT ARMS IN GRASSHOPPER MICE (*ONYCHOMYS*: CRICETIDAE). *Southwest. Nat.* 26(2):125-131. 21 May 1981. WR 182
[Museum, Tex. Tech Univ., Lubbock 79409] *Onychomys t. torridus, O. arenicola, O. leucogaster, O. torridus longicaudus* and *O. t. pulcher*.

81-005188 Bandoli, James H. FACTORS INFLUENCING SEASONAL BURROWING ACTIVITY IN THE POCKET GOPHER, *THOMONYS BOTTAE*. *J. Mammal.* 62(2):293-303. 21 May 1981. WR 182
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

OTHER RODENTS (CONTINUED)

81-005189 Beasley, Laura J.; Phyllis G. Johnston and Irvin Zucker. PHOTOPERIODIC REGULATION OF REPRODUCTION IN POSTPARTUM *PERONYSCUS LEUCOPUS*. *Biol. Reprod.* 24(5):962-966. June 1981. WR 182
[Dep. Psychol., Univ. Calif., Berkeley 94720]

81-005190 Beveridge, Ian. *UNCINARIA HYDRONYIDIS* SP. N. (NEMATODA: ANCYLOSTOMATIDAE) FROM THE AUSTRALIAN WATER RAT, *HYDRONYS CHRYSOGASTER*. *J. Parasitol.* 66(6):1027-1031. Dec. 1980. WR 182
[Inst. Med. & Veterinary Sci., Frome Rd., Adelaide, South Australia 5000, Australia]

81-005191 Bradley, Eric L. and C. Richard Terman. A COMPARISON OF THE ADRENAL HISTOLOGY, REPRODUCTIVE CONDITION, AND SERUM CORTICOSTERONE CONCENTRATIONS OF PRAIRIE DEERMICE (*PERONYSCUS MANICULATUS BAIRDII*) IN CAPTIVITY. *J. Mammal.* 62(2):353-361. 21 May. 1981. WR 182
[Dep. Biol., Coll. William & Mary, Williamsburg, VA 23185]

81-005192 Breed, W. G. UNUSUAL ANATOMY OF THE MALE REPRODUCTIVE TRACT IN *NOTOMYS ALEXIS* (MURIDAE). *J. Mammal.* 62(2):373-375. 21 May 1981. WR 182
[Dep. Anat. & Histol., Univ. Adelaide, Adelaide, South Australia, Australia]

81-005193 Brown, Linda J. FOOD HABITS OF *MICROTUS PENNSYLVANICUS* (CRICETIDAE) AND PHOTOSYNTHETIC PATHWAYS. *Southwest. Nat.* 26(2):218-220. 21 May 1981. WR 182
[Camp Dresser & McKee, Inc., 11455 W. 48th Ave., Wheat Ridge, CO 80033]

81-005194 Carnes, Bruce Alfred. HABITAT SELECTION IN A PRAIRIE RODENT COMMUNITY. *Ph.D. dissertation, Univ. Kans.* 55p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4370. June 1981. WR 182
Peromyscus leucopus, P. maniculatus, Microtus ochrogaster, Sigmodon hispidus and *Reithrodontomys megalotis*.

81-005195 Carter, Jeffrey L. and Joseph F. Merritt. EVALUATION OF SWIMMING ABILITY AS A MEANS OF ISLAND INVASION BY SMALL MAMMALS IN COASTAL VIRGINIA. *Ann. Carnegie Mus.* 50(2):31-46. 14 Apr. 1981. WR 182
[Merritt: Powdermill Nat. Reserve of Carnegie Mus. Nat. Hist., Star Route South, Rector, PA 15677] *Microtus pennsylvanicus*.

81-005196 Christian, Donald P. PATTERNS OF RECOVERY FROM LOW NUMBERS IN NAMIB DESERT RODENTS. *Acta Theriol.* 25(36):431-450. 1980. In English with Polish summ. WR 182
[Dep. Biol., Univ. Minn., Duluth 55803]

81-005197 Commarmot, Brigitte. UNTERSUCHUNG ÜBER DAS AUSMASS DER ERDMAUSSCHÄDEN IN VERSCHIEDENEN WALDGESELLSCHAFTEN DES LEHRWALDES ALBISRIEDERBERG DER ETH ZÜRICH. [INVESTIGATION INTO THE EXTENT OF SHORT-TAILED VOLE DAMAGE TO DIFFERENT FOREST ASSOCIATIONS OF THE ALBISRIEDERBERG STUDY FOREST OF ETH ZÜRICH.] *Schweiz. Z. Forstwes.* 132(2):99-106. Feb. 1981. In German. WR 182
Microtus agrestis in Switzerland.

OTHER RODENTS (CONTINUED)

81-005198 Contreras, Julio Rafael and María Irene Rosi. NOTAS SOBRE LOS AKODONTINI ARGENTINOS (RODENTIA, CRICETIDAE). I. *ABROTHRIX LONGIPILIS MOERENS* THOMAS, 1919, EN EL PARQUE NACIONAL NAHUEL HUAPI. [NOTES ON THE ARGENTINE AKODONT RODENTS (RODENTIA, CRICETIDAE). I. *ABROTHRIX LONGIPILIS NOERENS* THOMAS, 1919, IN THE NAHUEL HUAPI NATIONAL PARK.] *Hist. Nat. (Mendoza)* 1(30):209-212. 1981. In Spanish with English summ. WR 182
[Hist. Nat., Casilla de Correo 26, 3400 Corrientes, Argentina]

81-005199 Current, William L.; John V. Ernst and Gerald W. Benz. ENDOGENOUS STAGES OF *EIMERIA TUSKEGENSIS* (PROTOZOA: EIMERIIDAE) IN THE COTTON RAT, *SIGMODON HISPIDUS*. *J. Parasitol.* 67(2):204-213. Apr. 1981. WR 182
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849]

81-005200 Czeczuga, Bazyli and Elżbieta Malzahn. CAROTENOID CONTENTS IN MAMMALS I. *APODEMUS FLAVICOLLIS* AND *CLETHRIONOMYS GLAREOLUS*. *Acta Theriol.* 25(41):501-509. 1980. In English with Polish summ. WR 182
[Dep. Biol., Med. Acad., Kilińskiego 1, 15-230 Białystok, Poland]

81-005201 Davis, R. M. and J. Meester. REPRODUCTION AND POSTNATAL DEVELOPMENT IN THE VLEI RAT, *OTOMYS IRRORATUS*, ON THE VAN RIEBEECK NATURE RESERVE, PRETORIA. *Mammalia* 45(1):99-116. 1981. In English with French summ. WR 182
[398 Grunion Ct., Foster City, CA 94404]

81-005202 de Rouffignac, C.; L. Bankir and N. Roinel. RENAL FUNCTION AND CONCENTRATING ABILITY IN A DESERT RODENT: THE GUNDI (*CTENODACTYLUS VALI*). *Pflügers Arch. Eur. J. Physiol.* 390(2):138-144. May 1981. WR 182
[INSERM. U. 90, Clinique Néphrol., Hôpital Necker, Paris, France]

81-005203 de Villafañe, Gloria. REPRODUCCION Y CRECIMIENTO DE *CALOMYS MUSCULINUS MURILLUS* (THOMAS, 1916). [REPRODUCTION AND GROWTH OF *CALOMYS MUSCULINUS MURILLUS* (THOMAS, 1916) (RODENTIA, CRICETIDAE).] *Hist. Nat. (Mendoza)* 1(33):237-256. 1981. In Spanish with English summ. WR 182
[Anchorena 1782, 8° "A", 1425 Buenos Aires, Argentina]

81-005204 Delibes, M.; F. Hiraldo; J. J. Arroyo and C. Rodriguez-Murcia. DISAGREEMENT BETWEEN MORPHOTYPES AND KARYOTYPES IN *ELIOMYS* (RODENTIA, GLIRIDAE): THE CHROMOSOMES OF THE CENTRAL MOROCCO GARDEN DORMOUSE. *Säugetierkd. Mitt.* 28(4):289-292. 1980. In English with Spanish summ. WR 182
[Est. Biol. Doñana, CSIC, Paraguay 1, Seville 12, Spain]

81-005205 Dewsbury, Donald A. THE COOLIDGE EFFECT IN NORTHERN GRASSHOPPER MICE (*ONYCHOMYS LEUCOGASTER*). *Southwest. Nat.* 26(2):193-197. 21 May 1981. WR 182
[Dep. Pshychol., Univ. Fla., Gainesville 32611]

OTHER RODENTS (CONTINUED)

81-005206 Egoscue, Harold J. WOODRAT NEST FLEA *ANOMIOPSYLLUS AMPHIBOLUS* IN SOUTHEASTERN OREGON. *Great Basin Nat.* 40(4):361. 31 Dec. 1980. WR 182
[297 West Durfee St., Grantsville, UT 84029] Host: *Neotoma cinerea alticola.*

81-005207 Eiberle, K. and N. Burch. ERFAHRUNGEN MIT DER LEBENDFANGMETHODE AN WALDBEWOHNENDEN KLEINSÄUGERN IM ROTTENSCHWILER MOOS. [EXPERIENCES WITH THE LIVE-TRAPPING METHOD FOR SMALL MAMMALS IN ROTTENSCHWILER MOOS.] *Schweiz. Z. Forstwes.* 132(2):75-98. Feb. 1981. In German with French summ. WR 182
[Inst. Wald- & Holzforschung ETH, Zürich, Switzerland]

81-005208 Engstrom, Mark D. and Robert C. Dowler. FIELD OBSERVATIONS OF MATING BEHAVIOR IN *DIPODOMYS ORDII*. *J. Mammal.* 62(2):384-386. 21 May 1981. WR 182
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

81-005209 Eriksson, Margareta. THE BULBOURETHRAL GLAND OF THE WOOD MOUSE, *APODEMUS SYLVATICUS*. *J. Mammal.* 62(2):375-378. 21 May 1981. WR 182
[Dep. Zool., Univ. Lund, S-223 62 Lund, Sweden]

81-005210 Eriksson, Margareta. THE ADRENALS OF THE WOOD MOUSE, *APODEMUS SYLVATICUS* (LINNÉ, 1758), IN BREEDING AND NON-BREEDING CONDITIONS. *Säugetierkd. Mitt.* 28(4):255-256. 1980. In English. WR 182
[Dep. Zool., Univ. Lund, S-223 62 Lund, Sweden]

81-005211 Eriksson, Margareta. THE OVARY OF THE WOOD MOUSE, *APODEMUS SYLVATICUS* (LINNÉ, 1758), AT INHIBITION AND REGRESSION. *Säugetierkd. Mitt.* 28(4):251-254. 1980. In English. WR 182
[Dep. Zool., Univ. Lund, S-223 62 Lund, Sweden]

81-005212 Fedyk, Anna and Marek Gębczyński. GENETIC CHANGES IN SEASONAL GENERATIONS OF THE BANK VOLE. *Acta Theriol.* 25(39):475-485. 1980. In English with Polish summ. WR 182
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Białowieża, Poland] *Clethrionomys glareolus.*

81-005213 Ferns, Peter N. FOOD CONSUMPTION AND ENERGY EXPENDITURE OF THE FIELD VOLE IN THE LABORATORY AND IN AN SMALL OUTDOOR ENCLOSURE. *Acta Theriol.* 24(4):47-59. 1979. In English with Polish summ. WR 182
[Dep. Zool., Univ. College, Cathays Park, Cardiff, Wales] *Microtus agrestis.*

81-005214 Fox, B. J. and D. A. Briscoe. *PSEUDOMYS PILLIGAENSIS*, A NEW SPECIES OF MURID RODENT FROM THE PILLIGA SCRUB, NORTHERN NEW SOUTH WALES. *Aust. Mammal.* 3(2):109-126. May 1980. WR 182
[School Zool., Univ. New South Wales, Kensington, New South Wales, Australia 2033]

OTHER RODENTS (CONTINUED)

81-005215 Getz, Lowell L.; Louis Verner; F. Russell Cole; Joyce E. Hofmann and Diana E. Avalos. COMPARISONS OF POPULATION DEMOGRAPHY OF *MICROTUS OCHROGASTER* AND *M. PENNSYLVANICUS*. *Acta Theriol.* 24(24):319-349. 1979. In English with Polish summ. WR 182
[Dep. Ecol., Ethol. & Evol., Univ. Ill., Urbana 61801]

81-005216 Geyer, Lynette A.; Gary K. Beauchamp; Gail Seygal and John G. Rogers, Jr. SOCIAL BEHAVIOR OF PINE VOLES, *MICROTUS PINETORUM*: EFFECTS OF GENDER, FAMILIARITY, AND ISOLATION. *Behav. Neural Biol.* 31(3):331-341. Mar. 1981. WR 182
[Monell Chem. Senses Cent., 3500 Market St., Philadelphia, PA 19104]

81-005217 Gipps, J. H. W. BEHAVIOR OF BANK VOLES, *CLETHRIONOMYS GLAREOLUS*, IN THE FIELD. *J. Mammal.* 62(2):382-384. 21 May 1981. WR 182
[School Biol. Sci., Univ. Bath, Claverton Down, Bath BA2 7AY, England]

81-005218 Goszczyński, Jacek. DENSITY ESTIMATION FOR AN URBAN POPULATION OF THE FIELD MOUSE. *Acta Theriol.* 24(31):417-419. 1979. In English. WR 182
[Agric. Univ., Dep. Game Manage., Rakowiecka 26/30, 02-528, Warsaw, Poland] *Apodemus agrarius*.

81-005219 Graham, J. M. and D. D. Thiessen. SOCIAL INTERACTIONS IN MALE GERBILS, *MERIONES UNGUICULATUS*: ULTRASOUNDS AND OPEN-FIELD BEHAVIOR. *Anim. Learn. Behav.* 8(3):502-504. Aug. 1980. WR 182
[Univ. Tex., Austin 78712]

81-005220 Gregg, Barbara and Del D. Thiessen. A SIMPLE METHOD OF OLFACTORY DISCRIMINATION OF URINES FOR THE MONGOLIAN GERBIL, *MERIONES UNGUICULATUS*. *Physiol. Behav.* 26(6):1133-1136. June 1981. WR 182
[Dep. Psychol., Univ. Tex., Austin 78712]

81-005221 Grocock, C. Anne. EFFECT OF DIFFERENT PHOTOPERIODS ON TESTICULAR WEIGHT CHANGES IN THE VOLE, *MICROTUS AGRESTIS*. *J. Reprod. Fert.* 62(1):25-32. May 1981. WR 182
[Dep. Human Anat., South Parks Rd., Oxford OX1 3QY, England]

81-005222 Guetzow, David D. and Frank W. Judd. POSTNATAL GROWTH AND DEVELOPMENT IN A SUBTROPICAL POPULATION OF *PEROMYSUS LEUCOPUS TEXANUS*. *Southwest. Nat.* 26(2):183-191. 21 May 1981. WR 182
[Dep. Biol., Pan American Univ., Edinburg, TX 78539]

81-005223 Gustafsson, Torgny O. and C. Bertil Andersson. SOCIAL ENVIRONMENT AND SEXUAL MATURATION IN MALE BANK VOLES, *CLETHRIONOMYS GLAREOLUS* (SCHREBER, 1780). *Säugetierkd. Mitt.* 28(4):310-312. 1980. In English. WR 182
[Dep. Zool., Univ. Lund, S-223 62 Lund, Sweden]

81-005224 Gyug, Les W. and John S. Millar. GROWTH OF SEASONAL GENERATIONS IN THREE NATURAL POPULATIONS OF *PEROMYSCUS*. *Can. J. Zool.* 59(3):510-514. Mar. 1981. In English with French summ. WR 182

OTHER RODENTS (CONTINUED)

81-005224 CONTINUED
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7] *Peromyscus maniculatus borealis*, *P. m. maniculatus* and *P. leucopus*.

81-005225 Hagen, Arne; Nils Chr. Stenseth; Eivind Østbye and Hans-Jørgen Skar. THE EYE LENS AS A AGE INDICATOR IN THE ROOT VOLE. *Acta Theriol.* 25(4):39-50. 1980. In English with Polish summ. WR 182
[Dep. Beekeeping & Beebreeding, Agric. Univ. Norway, Semsveien 168, N-1370 Asker, Norway] *Microtus oeconomus*.

81-005226 Haim, A. and A. Borut. HEAT PRODUCTION AND DISSIPATION IN GOLDEN SPINY MICE, *ACONYS RUSSATUS* FROM TWO EXTREME HABITATS. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 142(4):445-450. 11 May 1981. WR 182
[Univ. Haifa, Oranim, P.O. Kiryat Tivon, Israel]

81-005227 Heath, Harley W. and G. Robert Lynch. EFFECTS OF 18 WEEKS OF DAILY MELATONIN INJECTION ON REPRODUCTION AND TEMPERATURE REGULATION IN THE MOUSE, *PERONYSCUS LEUCOPUS*. *J. Exp. Zool.* 216(1):193-195. Apr. 1981. WR 182
[Dep. Biol., Wesleyan Univ., Middletown, CT 06457]

81-005228 Heithaus, E. Raymond. SEED PREDATION BY RODENTS ON THREE ANT-DISPERSED PLANTS. *Ecology* 62(1):136-145. Feb. 1981. WR 182
[Dep. Biol., Kenyon Coll., Gambier, OH 43022] *Peromyscus leucopus* in West Virginia.

81-005229 Heldmaier, Gerhard and Stephan Steinlechner. SEASONAL CONTROL OF ENERGY REQUIREMENTS FOR THERMOREGULATION IN THE DJUNGARIAN HAMSTER (*PHODOPUS SUNGORUS*), LIVING IN NATURAL PHOTOPERIOD. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 142(4):429-437. 11 May 1981. WR 182
[Zool. Inst., J. W. Goethe-Univ., D-6000 Frankfurt, West Germany]

81-005230 Henttonen, Heikki and Antero Järvinen. LEMMINGS IN 1978 AT KILPISJÄRVI: POPULATION CHARACTERISTICS OF A SMALL PEAK. *Nem. Soc. Fauna Flora Fenn.* 57(1):25-30. 1981. In English with Finnish summ. WR 182
[Biol. Stn., P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland] *Lemmus lemmus* in Finland.

81-005231 Herman, T. B. *CAPILLARIA HEPATICA* (NEMATODA) IN INSULAR POPULATIONS OF THE DEER MOUSE *PERONYSCUS MANICULATUS*: CANNIBALISM OR COMPETITION FOR CARCASSES? *Can. J. Zool.* 59(5):776-784. May 1981. In English with French summ. WR 182
[Biol. Dep., Acadia Univ., Wolfville, Nova Scotia, Canada B0P 1X0]

81-005232 Hewitt, S. PLASTICITY OF RENAL FUNCTION IN THE AUSTRALIAN DESERT RODENT *NOTOMYS ALEXIS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(2):297-304. 1981. WR 182

OTHER RODENTS (CONTINUED)

81-005232 CONTINUED
[Fisons Ltd., Pharmaceutical Div. Res. & Dev. Lab., Bakewell Rd., Loughborough, Leicestershire LE11 0QK, England]

81-005233 Hoffmann, Klaus; Helena Illnerová and Jiří Vaněček. EFFECT OF PHOTOPERIOD AND OF ONE MINUTE LIGHT AT NIGHT-TIME ON THE PINEAL RHYTHM ON N-ACETYLTRANSFERASE ACTIVITY IN THE DJUNGARIAN HAMSTER *PHODOPUS SUNGORUS*. *Biol. Reprod.* 24(3):551-556. Apr. 1981. WR 182
[Max-Planck. Inst. Verhaltensphysiol., D-8131 Andechs, West Germany]

81-005234 Hoffmeyer, Inge. ODOUR AND SOCIAL DOMINANCE IN THE BANK VOLE (*CLETHRIONOMYS GLAR.*). METHOD FOR TESTING THE INFLUENCE OF URINE AND PREPUTIAL GLAND SECRETE. *Mem. Soc. Fauna Flora Fenn.* 57(1):7. 1981. Abstract only. WR 182
[Zool. Lab., Univ. Copenhagen, Universitetsparken 15, 2100 Copenhagen Ø, Denmark]

81-005235 Innes, Duncan G. L. and John S. Millar. BODY WEIGHT, LITTER SIZE, AND ENERGETICS OF REPRODUCTION IN *CLETHRIONOMYS GAPPERI* AND *MICROTUS PENNSYLVANICUS*. *Can. J. Zool.* 59(5):785-789. May 1981. In English with French summ. WR 182
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7]

81-005236 Jagosz, J.; A. Górecki and M. Possi-Cabaj. THE BIOENERGETICS OF DEPOSIT AND UTILIZATION OF STORED ENERGY IN THE COMMOM VOLE. *Acta Theriol.* 24(28):391-397. 1979. In English with Polish summ. WR 182
[Dep. Anim. Ecol., Jagiellonian Univ., Krupnicza 50, 30-060, Kraków, Poland] *Microtus arvalis*.

81-005237 Jarvis, J. U. M. EUSOCIALITY IN A MAMMAL: COOPERATIVE BREEDING IN NAKED MOLE-RAT COLONIES. *Science* 212(4494):571-573. 1 May 1981. WR 182
[Zool. Dep., Univ. Cape Town, Rondebosch 7700, South Africa] *Heterocephalus glaber*.

81-005238 Jorgensen, Clive D.; H. Duane Smith and James R. Garcia. TEMPORAL ACTIVITY PATTERNS OF A *DIPODOMYS ORDII* POPULATION. *Great Basin Nat.* 40(3):282-286. 30 Sept. 1980. WR 182
[Dep. Zool., Brigham Young Univ., Provo, UT 84602]

81-005239 Jung, Hans-Joachim G. and George O. Batzli. NUTRITIONAL ECOLOGY OF MICROTINE RODENTS: EFFECTS OF PLANT EXTRACTS ON THE GROWTH OF ARCTIC MICROTINES. *J. Mammal.* 62(2):286-292. 21 May 1981. WR 182
[Dep. Anim. Sci., Univ. Ill., Urbana 61801]

81-005240 Kadhim, A. H.; A. M. Mustafa and H. A. Jabir. BIOLOGICAL NOTES ON JERBOAS *ALLACTAGA EUPHRATICA* AND *JACULUS JACULUS* FROM IRAQ. *Acta Theriol.* 24(8):93-98. 1979. In English with Polish summ. WR 182
[Sci. Res. Found., Biol. Res. Cent., Adhamiya, Baghdad, Iraq]

81-005241 Kemper, Catherine M. GROWTH OF AN AUSTRALIAN MURID (*PSEUDONYS NOVAEHOLLANDIAE*) IN THE WILD. *Acta Theriol.* 24(20):257-266. 1979. In English with Polish summ. WR 182
[23 Westwood Dr., Pointe Claire, Quebec, Canada H9S 4Y6]

OTHER RODENTS (CONTINUED)

81-005242 Knight, M. H. and J. D. Skinner. THERMOREGULATORY, REPRODUCTIVE AND BEHAVIOURAL ADAPTATIONS OF THE BIG EARED DESERT MOUSE, *MALACOTHRIX TYPICA* TO ITS ARID ENVIRONMENT. *J. Arid Environ.* 4(2):137-145. June 1981. WR 182
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

81-005243 Korhonen, Kyllikki. VENTILATION IN THE SUBNIVEAN TUNNELS OF THE VOLES *MICROTUS AGRESTIS* AND *M. OECONOMUS*. *Ann. Zool. Fenn.* 17(1):1-4. 1980. WR 182
[Kilpisjärvi Biol. Stn., 99490 Kilpisjärvi, Finland]

81-005244 Kumari, Saroj. MALFORMATION OF SEMINAL VESICLE IN THE INDIAN GERBIL. *Säugetierkd. Mitt.* 28(4):324. 1980. In English. WR 182
[Central Arid Zone Res. Inst., Jodhpur-342003, India] *Tatera indica*.

81-005245 Kurohmaru, Masamichi; Takao Nishida; Koshi Mochizuki and Yoshihiro Hayashi. SPIRAL-SHAPED BACTERIA IN THE CECAL MUCOSA OF THE AMAMI SPINOUS COUNTRY-RAT, *TOKUDAIA OSIMENSIS OSIMENSIS*. *Jpn. J. Vet. Sci.* 43(1):93-98. Feb. 1981. In English with Japanese summ. WR 182
[Lab. Vet. Anat., Fac. Agric., Univ. Tokyo, Bunkyo-ku, Tokyo 113, Japan]

81-005246 Lyman, Charles P.; Regina C. O'Brien; G. Cliett Greene and Elaine D. Papafrangos. HIBERNATION AND LONGEVITY IN THE TURKISH HAMSTER *MESOCRICETUS BRANDTI*. *Science* 212(4495):668-670. 8 May 1981. WR 182
[Dep. Anat., Harvard Med. School, Boston, MA 02115]

81-005247 Mackin-Rogalska, Regina. ELEMENTS OF THE SPATIAL ORGANIZATION OF A COMMON VOLE POPULATION. *Acta Theriol.* 24(14):171-199. 1979. In English with Polish summ. WR 182
[Inst. Ecol., Polish Acad. Sci., Dziekanów Leśny, 05-150 Łomianki, Poland] *Microtus arvalis*.

81-005248 Madison, Dale M. TIME PATTERNING OF NEST VISITATION BY LACTATING MEADOW VOLES. *J. Mammal.* 62(2):389-391. 21 May 1981. WR 182
[Dep. Biol. Sci., Univ. N.Y., Binghamton 13901] *Microtus pennsylvanicus* in New York.

81-005249 Mandal, Ajoy Kumar and Santanu Ghosh. REPORT OF THE OCCURRENCE OF THE METAD IN WEST BENGAL. *J. Bombay Nat. Hist. Soc.* 77(1):133. Apr. 1980. WR 182
[Zool. Surv. India, 8 Lindsay St., Calcutta-700 016, India] *Millardia meltada* in India.

81-005250 Massoia, Elio. NOTAS SOBRE LOS CRICETIDOS MENDOCINOS (MAMMALIA, RODENTIA). [NOTES ON THE CRICETID RODENTS OF MENDOZA, ARGENTINA (MAMMALIA, RODENTIA).] *Hist. Nat. (Mendoza)* 1(29):205-208. 1981. In Spanish with English summ. WR 182
[INTA, CICA, Dep. Patol. Vegetal, 1712 Castelar, Buenos Aires, Argentina]

OTHER RODENTS (CONTINUED)

81-005251 Mather, Janice G. and R. Robin Baker. MAGNETIC SENSE OF DIRECTION IN WOODMICE FOR ROUTE-BASED NAVIGATION. *Nature* 291(5811):152-155. 14 May 1981. WR 182
[Dep. Zool., Univ. Manchester, Manchester M13 9PL, England] *Apodemus sylvaticus.*

81-005252 Meier, M. N.; T. A. Grishchenko and E. V. Zybina. [EXPERIMENTAL HYBRIDIZATION AS A METHOD OF STUDYING THE DEGREE OF DIVERGENCE OF CLOSELY RELATED SPECIES OF THE GENUS *MICROTUS.*] *Zool. Zh.* 60(2):290-300. Feb. 1981. In Russian with English summ. WR 182
Microtus transcaspicus, M. kirgisorum, M. subarvalis and *M. arvalis.*

81-005253 Merkt, Juan R. AN EXPERIMENTAL STUDY OF HABITAT SELECTION BY THE DEER MOUSE, *PEROMYSCUS MANICULATUS*, ON MANDARTE ISLAND, B.C. *Can. J. Zool.* 59(4):589-597. Apr. 1981. In English with French summ. WR 182
[Dep. Zool. & Inst. Anim. Res. Ecol., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5]

81-005254 Mokeyeva, T. M. and N. Yu Chentzova. [SOME ECOLOGICAL AND PHYSIOLOGICAL CHARACTERISTICS OF THE SIBLING SPECIES OF THE COMMON VOLE, *MICROTUS ARVALIS* AND *M. SUBARVALIS* (RODENTIA, MICROTINAE).] *Zool. Zh.* 60(5):752-767. May 1981. In Russian with English summ. WR 182
[All-Union Res. Inst. Plant Protection, Leningrad, USSR]

81-005255 Montgomery, W. I. THE USE OF ARBOREAL RUNWAYS BY THE WOODLAND RODENTS, *APODEMUS SYLVATICUS* (L.), A. *FLAVICOLLIS* (MELCHIOR) AND *CLETHRIONOMYS GLAREOLUS* (SCHREBER). *Mammal Rev.* 10(4):189-195. Dec. 1980. WR 182
[Dep. Zool., Queen's Univ., Belfast BT7 1NN, Northern Ireland]

81-005256 Montgomery, W. I. AN EXAMINATION OF INTERSPECIFIC, SEXUAL AND INDIVIDUAL BIASES AFFECTING RODENT CAPTURES IN LONGWORTH TRAPS. *Acta Theriol.* 24(3):35-45. 1979. In English with Polish summ. WR 182
[Dep. Zool., Queen's Univ. Belfast, Belfast BT7 1NN, Northern Ireland] *Apodemus sylvaticus, A. flavicollis,* and *Clethrionomys glareolus.*

81-005257 Moore, Dwight W. and Gary A. Heidt. DISTRIBUTION OF THE PRAIRIE VOLE, *MICROTUS OCHROGASTER* (RODENTIA), IN ARKANSAS. *Southwest. Nat.* 26(2):208-210. 21 May 1981. WR 182
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

81-005258 Moos, Abbie B.; David F. Treagust and G. Edgar Folk, Jr. PHOTOPERIODIC CHANGES IN THE TESTES OF THE GERBIL, *MERIONES UNGUICULATUS. Acta Theriol.* 24(31):424-427. 1979. In English. WR 182
[Dep. Physiol. & Biophysics, Coll. Med., Univ. Iowa, Iowa City 52242]

81-005259 Morris, John G. and S. Charles Kendeigh. ENERGETICS OF THE PRAIRIE DEER MOUSE *PEROMYSCUS MANICULATUS BAIRDII. Am. Midl. Nat.* 105(2):368-376. Apr. 1981. WR 182
[Dep. Biol. Sci., Fla. Inst. Technol., Melbourne 32901]

OTHER RODENTS (CONTINUED)

81-005260 Muchlinski, Alan E. ACTIVITY PERIOD OF *ZAPUS HUDSONIUS*: A LABORATORY STUDY. *Jack-Pine Warbler* 59(1):13-15. Apr. 1981. WR 182
[Dep. Biol., Calif. State Univ., Los Angeles 90032]

81-005261 Nabagło, Leszek and Karol Pachinger. EYE LENS WEIGHT AS AN AGE INDICATOR IN YELLOW-NECKED MICE. *Acta Theriol.* 24(11):118-122. 1979. In English. WR 182
[Inst. Ecol., Polish Acad. Sci., 05-150 Dziekanów Leśny, Poland] *Apodemus flavicollis.*

81-005262 Nadeau, Joseph H.; Rosemarie T. Lombardi and Robert H. Tamarin. POPULATION SSTRUCTURE AND DISPERSAL OF *PERONYSCUS LEUCOPUS* ON MUSKEGET ISLAND. *Can. J. Zool.* 59(5):793-799. May. 1981. In English with French summ. WR 182
[Jackson Lab., Bar Harbor, ME 04609]

81-005263 Nagle, Ray B.; E. M. Altschuler; Dennis C. Dobyan; S. Dong and Ruth Ellen Bulger. THE ULTRASTRUCTURE OF THE THIN LIMBS OF HENLE IN KIDNEYS OF THE DESERT HETEROMYID (*PEROGNATHUS PENICILLATUS*). *Am. J. Anat.* 161(1):33-47. May 1981. WR 182
[Dep. Pathol., Ariz. Health Sci. Cent., Tucson 85724]

81-005264 Neal, Fred D. and John E. Borrecco. DISTRIBUTION AND RELATIONSHIP OF MOUNTAIN BEAVER TO OPENINGS IN SAPLING STANDS. *Northwest Sci.* 55(2):79-86. May 1981. WR 182
[P.O. Box 2336, Dillon, CO 80435] *Aplodontia rufa* in Washington.

81-005265 Nichols, James D. and Walt Conley. OBSERVATIONS SUGGESTING COMPETITION BETWEEN *PERONYSCUS* AND *ZAPUS* IN SOUTHERN MICHIGAN. *Jack-Pine Warbler* 59(1):3-6. Apr. 1981. WR 182
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811] *Peromyscus leucopus* and *Zapus hudsonius.*

81-005266 Østbye, Eivind and Oldrich Gult. PRENATAL GROWTH OF NORWEGIAN LEMMING *LEMMUS LEMMUS* (L.). *Fauna Norv. Ser.* A 1(1):1-4. 1980. In English with Norwegian summ. WR 182
[Zool. Inst., Univ. Oslo, Blindern, N-Oslo 3, Norway] Courtesy/Jon Swenson.

81-005267 Okhotsky, Yu. V.; B. E. Karulin; V. Yu. Litvin; T. N. Dunaeva; L. A. Khlyap and S. A. Albov. [ACTIVITY, MOBILITY AND UTILIZATION OF SPACE OF STRAW STACKS BY COMMON VOLES (RESULTS OF RADIOACTIVE MARKING).] *Zool. Zh.* 60(5):742-751. May 1981. In Russian with English summ. WR 182
[Inst. Epidemiol. & Microbiol., USSR Acad. Med. Sci., Moscow, USSR] *Microtus arvalis.*

81-005268 Panitz, Eric and Kwok L. Shum. DISTRIBUTION OF *TRICHOSTRONGYLUS AXEI, T. VITRINUS,* AND *T. COLUBRIFORMIS* IN THE STOMACH AND SMALL INTESTINE OF THE GERBIL, *MERIONES UNGUICULATUS. J. Parasitol.* 67(2):218. Apr. 1981. WR 182
[Schering Corp., Anim. Health Res. Cent., Box 608, Allentown, NJ 08501]

OTHER RODENTS (CONTINUED)

81-005269 Pavlinov, I. Ya. [TAXONOMIC STATUS OF GERBILS OF THE GENUS *AMMODILLUS* THOMAS, 1904 (RODENTIA, GERBILLINAE).] *Zool. Zh.* 60(3):472-474. Mar. 1981. In Russian with English summ. WR 182
[Zool. Mus., State Univ. Moscow, Moscow, USSR]

81-005270 Peitz, Betsy. THE OESTROUS CYCLE OF THE SPINY MOUSE (*ACONYS CAHIRINUS*). *J. Reprod. Fert.* 61(2):453-459. Mar. 1981. WR 182
[Biol. Dep., Case Western Reserve Univ., Cleveland, OH 44106]

81-005271 Perrin, M. R. SEASONAL CHANGES IN THE BODY FAT CONTENT OF TWO COEXISTING RODENTS, *RHABDOMYS PUNILIO* AND *OTOMYS IRRORATUS*. *S. Afr. J. Wildl. Res.* 11(1):21-27. 1981. In English with Afrikaans summ. WR 182
[Dep. Zool. & Entomol., Rhodes Univ., Grahamstown 6140, South Africa]

81-005272 Perrin, M. R. SEASONAL VARIATION IN THE GROWTH, BODY COMPOSITION, AND DIET OF *CLETHRIONOMYS GAPPERI* IN SPRUCE FOREST. *Acta Theriol.* 24(23):299-318. 1979. In English with Polish summ. WR 182
[Dep. Zool. Entomol., Rhodes Univ., P.O. Box 94, Grahamstown 6140, South Africa]

81-005273 Petterborg, L. J.; R. J. Reiter and G. C. Brainard. OVARIAN RESPONSE OF PINEALECTOMIZED AND INTACT WHITE-FOOTED MICE KEPT UNDER NATURALLY SHORT PHOTOPERIODS. *Experientia (Basel)* 37(3):247. 15 Mar. 1981. WR 182
[Univ. Tex. Health Sci. Cent., San Antonio 78284] *Peromyscus leucopus*.

81-005274 Pichyangkul, Sahtit and John C. Perez. PURIFICATION AND CHARACTERIZATION OF A NATURALLY OCCURRING ANTIHEMORRHAGIC FACTOR IN THE SERUM OF THE HISPID COTTON RAT (*SIGMODON HISPIDUS*). *Toxicon* 19(2):205-215. 1981. WR 182
[Tex. A&I Univ., Biol. Dep., Kingsville 78363]

81-005275 Pizzimenti, John J. THE RELATIVE EFFECTIVENESS OF THREE TYPES OF TRAPS FOR SMALL MAMMALS IN SOME PERUVIAN RODENT COMMUNITIES. *Acta Theriol.* 24(25):351-361. 1979. In English with Polish summ. WR 182
[Field Mus. Nat. Hist., Chicago, IL 60605]

81-005276 Pizzimenti, John J. and Rob De Salle. DIETARY AND MORPHOMETRIC VARIATION IN SOME PERUVIAN RODENT COMMUNITIES: THE EFFECT OF FEEDING STRATEGY ON EVOLUTION. *Biol. J. Linn. Soc.* 13(4):263-285. June 1980. WR 182
[Field Mus. Nat. Hist., Chicago, IL 60605] *Phyllotis*, *Akodon*, and *Calomys*.

81-005277 Randall, Jan A. and Del D. Thiessen. SEASONAL ACTIVITY AND THERMOREGULATION IN *MERIONES UNGUICULATUS*: A GERBIL'S CHOICE. *Behav. Ecol. Sociobiol.* 7(4):267-272. 1980. WR 182
[Dep. Physcol., Univ. Tex., Austin 78712]

81-005278 Rao, A. M. K. Mohana. DEMOGRAPHY AND HOARDING AMONG THE LESSER BANDICOOT RAT, *BANDICOTA BENGALENSIS* (GRAY & HARDWICKE, 1835), IN RICE FIELDS. *Säugetierkd. Mitt.* 28(4):312-314. 1980. In English. WR 182
[Central Arid Zone Res. Inst., Jodhpur-342003, India]

OTHER RODENTS (CONTINUED)

81-005279 Richards, Ronald L. RICE RAT (*ORYZOMYS CF. PALUSTRIS*) REMAINS FROM SOUTHERN INDIANA CAVES. *Proc. Indiana Acad. Sci.* 89:425-431. 1980. WR 182
[8141 Pickford Dr., Indianapolis, IN 46227]

81-005280 Robbins, Lynn W. SEX CHROMOSOME POLYMORPHISMS IN *REITHRODONTOMYS MONTANUS* (RODENTIA: CRICETIDAE). *Southwest. Nat.* 26(2):201-202. 21 May 1981. WR 182
[Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409]

81-005281 Rock, Paul and Olwen Williams. CHANGES IN LIPID CONTENT OF THE MONTANE VOLE. *Acta Theriol.* 24(18):237-247. 1979. In English with Polish summ. WR 182
[Williams: DEPOB, Univ. Colo., Boulder 80309]

81-005282 Rogers, Duke S. and David J. Schmidly. GEOGRAPHIC VARIATION IN THE WHITE-THROATED WOODRAT (*NEOTOMA ALBIGULA*) FROM NEW MEXICO, TEXAS, AND NORTHERN MEXICO. *Southwest. Nat.* 26(2):167-181. 21 May 1981. WR 182
[Mus. Vertebr. Zool., 2593 Life Sci. Bldg., Berkeley, CA 94720]

81-005283 Rogovin, K. A. [UTILIZATION OF TERRITORY BY LITTLE EARTH HARES (*ALACTAGULUS ACONTION*) AND STRUCTURE OF THEIR GROUPS BY MATERIALS OF MARKING.] *Zool. Zh.* 60(4):568-578. Apr. 1981. In Russian with English summ. WR 182
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

81-005284 Sarafis, V.; R. W. Lambert and W. G. Breed. SPERM HEAD MORPHOLOGY OF THE PLAINS MOUSE *PSEUDOMYS AUSTRALIS*. *J. Reprod. Fert.* 61(2):399-401. Mar. 1981. WR 182
[Breed: Dep. Anat., Univ. Adelaide, Adelaide, South Australia 5001, Australia]

81-005285 Sayin, Fahri. EIMERIIDAE OF THE HERBIVOROUS MOLE-RAT, *SPALAX EHRENBERGI* NEHRING. *J. Protozool.* 27(4):364-367. Nov. 1980. WR 182
[Dep. Protozool. & Med. Entomol., Fac. Vet. Med., Univ. Ankara, Ankara, Turkey]

81-005286 Schvetsov, J. G.; V. N. Jatsenko and V. M. Malygin. [ON DISTRIBUTION OF *MICROTUS ARVALIS* AND *M. MONGOLICUS* IN MONGOLIA.] *Zool. Zh.* 60(2):319-321. Feb. 1981. In Russian with English summ. WR 182
[Biol. Inst., Siberian Branch, USSR Acad. Sci., Novosibirsk, USSR]

81-005287 Seeley, Rod R. and Jesse Sandoval. THE EFFECT OF TESTOSTERONE ON HYPOTHALAMIC AREA PGF-LEVELS IN DEERMICE (*PEROMYSCUS MANICULATUS*). *Retort (Idaho Acad. Sci.)* 18(1):15. May 1981. Abstract only. WR 182
[Dep. Biol., Idaho State Univ., Pocatello 83209]

81-005288 Shenbrot, G. I. [PARTITION OF RESOURCES AMONG COEXISTING SPECIES OF JERBOAS (RODENTIA, DIPODIDAE) IN THE KARSHI DESERT.] *Zool. Zh.* 60(4):557-567. Apr. 1981. In Russian with English summ. WR 182
[All-Union Res. Inst. Nat. Conserv. & Reservations, Moscow, USSR] *Allactaga severtzovi, A. elater, Alactagulus pygmaeus* and *Dipus sagitta* in the USSR.

OTHER RODENTS (CONTINUED)

81-005289 Short, Jeffery A.; Lilliam F. Mayberry and John R. Bristol. *EIMERIA CHIHUAHUAENSIS* SP.N. AND OTHER COCCIDIA FROM *DIPODOMYS* SPP. IN EL PASO COUNTY, TEXAS. *J. Protozool.* 27(4):361-364. Nov. 1980. WR 182
[Dep. Zool., Brigham Young Univ., Provo, UT 84601] *Dipodomys ordi* and *D. merriami*.

81-005290 Smith, Andrew T. LACK OF INTERSPECIFIC INTERACTIONS OF EVERGLADES RODENTS ON TWO SPATIAL SCALES. *Acta Theriol.* 25(6):61-70. 1980. In English with Polish summ. WR 182
[Dep. Zool., Ariz. State Univ., Tempe 85281] *Peromyscus gossypinus, Sigmodon hispidus* and *Oryzomys palustris*.

81-005291 Smith, Margaret F. RELATIONSHIPS BETWEEN GENETIC VARIABILITY AND NICHE DIMENSIONS AMONG COEXISTING SPECIES OF *PEROMYSCUS*. *J. Mammal.* 62(2):273-285. 21 May 1981. WR 182
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Peromyscus boylii, P. truei, P. maniculatus* and *P. californicus*.

81-005292 Sørensen, Grethe. DOMINANCE HIERARCHY IN BANK VOLES (*CLETHRIONOMYS GLAREOLUS* SCHREBER, 1780). *Mem. Soc. Fauna Flora Fenn.* 57(1):18. 1981. Abstract only. WR 182
[Zool. Lab., Copenhagen Univ., Universitetsparken 15, 2100 Copenhagen Ø, Denmark]

81-005293 Sokolov, V. E. and K. A. Rogovin. [A COMPARATIVE STUDY OF BATHINGS IN SAND IN THE JERBOAS (RODENTIA, DIPODIDAE).] *Zool. Zh.* 60(2):282-289. Feb. 1981. In Russian with English summ. WR 182
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR] Data for 6 spp.

81-005294 Sokolov, V. E. [A NEW SPECIES OF FIVE-TOED JERBOA *ALLACTAGA NATALIAE* SP. N. (RODENTIA, DIPODIDAE) FROM MONGOLIA.] *Zool. Zh.* 60(5):793-795. May 1981. In Russian with English summ. WR 182
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

81-005295 Sokolov, V. E.; S. I. Isaev and O. A. Ratnikova. [REPRODUCTION AND MARKING BEHAVIOUR OF THE GREAT GERBILS (*RHOMBOMYS OPIMUS*) KEPT IN CAPTIVITY.] *Zool. Zh.* 60(3):432-437. Mar. 1981. In Russian with English summ. WR 182
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

81-005296 Sokolov, V. E.; S. I. Isaev and E. Yu. Pavlova. [A STUDY OF MECHANISMS REGULATING GROWTH AND SEXUAL MATURATION IN GREAT GERBILS (*RHOMBOMYS OPIMUS*).] *Zool. Zh.* 60(4):579-586. Apr. 1981. In Russian with English summ. WR 182
[Inst. Anim. Evol. Morhol. & Ecol., USSR Acad. Sci., Moscow, USSR]

81-005297 Stebbins, Lucius L.; Reginald Orich and John Nagy. METABOLIC RATES OF *PERONYSCUS MANICULATUS* IN WINTER, SPRING AND SUMMER. *Acta Theriol.* 25(9):99-104. 1980. In English with Polish summ. WR 182
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4]

OTHER RODENTS (CONTINUED)

81-005298 Stehn, R. A. and F. J. Janett, Jr. MALE-INDUCED ABORTION IN VARIOUS MICROTINE RODENTS. *J. Mammal.* 62(2):369-372. 21 May 1981. WR 182
[U.S. Fish & Wildl. Serv., Ohio Field Stn., Columbus & Taylor Rds., Sandusky 44870]

81-005299 Storier, D.; Z. Wollberg and A. Ar. LOW AND NONRHYTHMIC HEART RATE OF THE MOLE RAT (*SPALAX EHRENBERGI*): CONTROL BY THE AUTONOMIC NERVOUS SYSTEM. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 142(4):533-538. 11 May 1981. WR 182
[Dep. Zool., George S. Wise Fac. Life Sci., Tel Aviv Univ., Tel Aviv, Israel]

81-005300 Stout, I. Jack. CONSERVATION BIOLOGY OF *PEROMYSCUS FLORIDANUS*. *Fla. Sci.* 44(suppl. 1):37. 1981. Abstract only. WR 182
[Dep. Biol. Sci., Univ. Central Fla., Box 25000, Orlando 32816]

81-005301 Tamarin, Robert H. HIP GLANDS IN WILD-CAUGHT *MICROTUS PENNSYLVANICUS*. *J. Mammal.* 62(2):421. 21 May 1981. WR 182
[Biol. Dep., Boston Univ., Boston, MA 02215]

81-005302 Tucker, Priscilla K. and David J. Schmidly. STUDIES OF A CONTACT ZONE AMONG THREE CHROMOSOMAL RACES OF *GEONYS BURSARIUS* IN EAST TEXAS. *J. Mammal.* 62(2):258-272. 21 May 1981. WR 182
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

81-005303 Tucker, Richard. THE DIGGING BEHAVIOR AND SKIN DIFFERENTIATIONS IN *HETEROCEPHALUS GLABER*. *J. Morphol.* 168(1):51-71. Apr. 1981. WR 182
[Dep. Anat., Fac. Agric., Forstry & Veterinary Sci., Univ. Dar es Salaam, Morogoro, Tanzania]

81-005304 Ubelaker, John E.; Joseph Caruso and Adela Peña. EXPERIMENTAL INFECTION OF *SIGMODON HISPIDUS* WITH THIRD-STAGE LARVAE OF *ANGIOSTRONGYLUS COSTARICENSIS*. *J. Parasitol.* 67(2):219-221. Apr. 1981. WR 182
[Dep. Biol., Southern Methodist Univ., Dallas, TX 75275]

81-005305 Valentin, Sylvain and Claude Baudoin. EVOLUTION DE LA TEMPÉRATURE CORPORELLE DE LA NAISSANCE À 30 JOURS CHEZ *ELIONYS QUERCINUS* L.: PREMIÈRES DONNÉES. [EVOLUTION OF THE BODY TEMPERATURE FROM BIRTH TO 30 DAYS IN *ELIONYS QUERCINUS* L.: FIRST DATA.] *Mammalia* 45(1):117-123. 1981. In French with English summ. WR 182
[Lab. Psychophysiol., Fac. Sci. & Tech., Route de Gray, 25030 Besançon Cedex, France]

81-005306 van der Straeten, E. A NEW SPECIES OF *LEMNISCOMYS* (MURIDAE) FROM ZAMBIA. *Ann. Cape Prov. Mus. (Nat. Hist.)* 13(5):55-62. 24 June 1980. WR 182
[Rijksuniv. Cent., Antwerp, Belgium] *Lemniscomys roseveari*.

81-005307 Van der Straeten, R. NOTE SUR *LEMNISCOMYS STRIATUS VENUSTUS* (THOMAS, 1911). [NOTE ON *LEMNISCOMYS STRIATUS VENUSTUS* (THOMAS, 1911).] *Mammalia* 45(1):125-128. 1981. In French. WR 182

OTHER RODENTS (CONTINUED)

81-005307 CONTINUED
[Lab. Algemene Dierkunde, Rijksuniv. Cent., Groenenborgerlaan 171, B-2020 Antwerp, Belgium]

81-005308 Vandermeer, John H. HOARDING BEHAVIOR OF CAPTIVE *HETERONYS DESMARESTIANUS*, (RODENTIA) ON THE FRUITS OF *WELFIA GEORGII*, A RAINFOREST DOMINANT PALM IN COSTA RICA. *Brenesia* 16:107-116. 1979. WR 182
[Dep. Ecol. & Evol. Biol., Univ. Mich., Ann Arbor 48109]

81-005309 Webster, A. Bruce; R. Geoffrey Gartshore and Ronald J. Brooks. INFANTICIDE IN THE MEADOW VOLE, *MICROTUS PENNSYLVANICUS*: SIGNIFICANCE IN RELATION TO SOCIAL SYSTEM AND POPULATION CYCLING. *Behav. Neural Biol.* 31(3):342-347. Mar. 1981. WR 182
[Brooks: Dep. Zool., Univ. Guelph, Guelph, Ontario, N1G 2W1 Canada]

81-005310 Wendland, Victor. NACHWEIS DER SUMPFMAUS ODER NORDISCHEN WÜHLMAUS, *MICROTUS OECONOMUS* (PALLAS, 1776) FÜR BAYERN. [DEMONSTRATION OF *MICROTUS OECONOMUS* IN BAVARIA.] *Säugetierkd. Mitt.* 28(4):322. 1980. In German. WR 182
[Ringbahnstraße 79, 1 Berlin 42, West Germany]

81-005311 Wickler, Steven J. SEASONAL CHANGES IN ENZYMES OF AEROBIC HEAT PRODUCTION IN THE WHITE-FOOTED MOUSE. *Am. J. Physiol.* 240(5):R289-R294. May 1981. WR 182
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Peromyscus leucopus*.

81-005312 Williams, Kenneth L.; Dick T. Stalling and Jim Scarborough. RANGE EXTENSION OF THE WOODLAND VOLE IN WEST CENTRAL LOUISIANA. *Proc. La. Acad. Sci.* 43:12-14. 31 Dec. 1980. WR 182
[Dep. Biol., Northwestern State Univ., Natchitoches, LA 71457] *Microtus pinetorum*.

81-005313 Wrazen, John A. FEEDING PATTERNS OF COTTON RATS (*SIGMODON HISPIDUS*): SEASONAL REPRODUCTIVE, EXPERIENTIAL, AND PHYSICOCHEMICAL FACTORS IN THE SELECTION OF NATURAL FOODS. *Ph.D. dissertation, Indiana Univ.* 98p. 1981. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4374. June 1981. WR 182

81-005314 Yatsenko, V. N. C-HETEROCHROMATIN AND CHROMOSOMAL POLYMORPHISM IN THE GOBI-ALTAI VOLE (*ALTICOLA STOLIZKANUS BARAKSCHIN* BANNICOV, 1968, RODENTIA, CRICETIDAE). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR)* 254(1-6):465-466. Mar. 1981. Translated from Dokl. Akad. Nauk SSSR 254(4):1009-1010. Sept. 1980. WR 182
[A. N. Severtsov Inst. Evol. Morphol. & Ecol. Anim., Acad. Sci. USSR, Moscow, USSR]

CARNIVORES--GENERAL

81-005315 Butterworth, Eric W. and Mary Beverley-Burton. OBSERVATIONS ON THE PREVALENCE AND INTENSITY OF *CAPILLARIA* SPP. (NEMATODA: TRICHUROIDEA)

CARNIVORES--GENERAL (CONTINUED)

81-005315 CONTINUED IN WILD CARNIVORA FROM ONTARIO, CANADA.] *Proc. Helminthol. Soc. Wash.* 48(1):24-37. Jan. 1981. WR 182
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E1, Canada] Eight species of carnivora.

81-005316 Neiland, Kenneth A. and Lawrence G. Miller. EXPERIMENTAL *BRUCELLA SUIS* TYPE 4 INFECTIONS IN DOMESTIC AND WILD ALASKAN CARNIVORES. *J. Wildl. Dis.* 17(2):183-189. Apr. 1981. WR 182
[Alaska Dep. Fish & Game, Fairbanks 99701] *Canis lupus, Ursus arctos horribilis* and *U. americanus.*

81-005317 Pulliainen, Erkki. SUOMESSA VUOSINA 1973-1976 KAADETUT KARHUT JA ILVEKSET. [THE NUMBER OF BEAR (*URSUS ARCTOS*) AND LYNX (*FELIS LYNX*) KILLED IN FINLAND IN 1973-1976.] *Suomen Riista* 28:67-70. 1980. In Finnish with English summ. WR 182
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

CANIDS

81-005318 Berchielli, Louis T., Jr.; Benjamin F. Tullar, Jr. and Angelica B. Leubner. A TECHNIQUE FOR EXCAVATING RED FOX DENS. *N.Y. Fish Game J.* 28(1):40-48. Jan. 1981. WR 182
[N.Y. State Dep. Environ. Conserv., Wildl. Resour. Cent., Delmar 12054] *Vulpes vulpes* in New York.

81-005319 Bergeron, Jean-Marie and Pierre Demers. LE RÉGIME ALIMENTAIRE DU COYOTE (*CANIS LATRANS*) ET DU CHIEN ERRANT (*C. FAMILIARIS*) DANS LE SUD DU QUÉBEC. [FOOD HABITS OF THE COYOTE *CANIS LATRANS* AND OF FERAL DOGS *C. FAMILIARIS* IN SOUTHERN QUEBEC.] *Can. Field-Nat.* 95(2):172-177. Apr.-June 1981. In French with English summ. WR 182
[Dep. Biol., Fac. Sci., Univ. Sherbrooke, Sherbrooke, Québec J1K 2R1, Canada]

81-005320 Berry, M. P. S. STOMACH CONTENTS OF BAT-EARED FOXES, *OTOCYON MEGALOTIS*, FROM THE NORTHERN TRANSVAAL. *S. Afr. J. Wildl. Res.* 11(1):28-30. 1981. In English with Afrikaans summ. WR 182
[Dronfield, P.O. Box 616, Kimberley 8300, South Africa]

81-005321 Bovée, K. C.; M. Bush; J. Dietz; P. Jezyk and S. Segal. CYSTINURIA IN THE MANED WOLF OF SOUTH AMERICA. *Science* 212(4497):919-920. 22 May 1981. WR 182
[Dep. Clinical Studies, School Veterinary Med., Univ. Pa., Philadelphia 19104] *Chrysocyon brachyurus.*

81-005322 Bowen, W. Don. VARIATION IN COYOTE SOCIAL ORGANIZATION: THE INFLUENCE OF PREY SIZE. *Can. J. Zool.* 59(4):639-652. Apr. 1981. In English with French summ. WR 182

CANIDS (CONTINUED)

81-005322 CONTINUED
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] *Canis latrans* in Canada.

81-005323 Dulaney, Michael. SUCCESSFUL BIRTH AND REARING OF FENNEC FOXES AT THE CINCINNATI ZOO. *Anim. Keeper's Forum* 8(6):147-148. June 1981. WR 182
Fennecus zerda.

81-005324 Dunker, Henning. RED FOX SCAVENGING AT A MOOSE CARCASS DURING A WINTER SEASON. *Fauna Norv. Serv A* 1(1):34-37. 1980. In English with Norwegian summ. WR 182
[N-2930 Bagn, Norway] This is a study of the seasonal utilization of a carcass of *Alces alces* by a local population of *Vulpes vulpes* during the winter in Norway.--Courtesy/Jon Swenson.

81-005325 Foreyt, William J. and K. M. Foreyt. ATTEMPTED TRANSMISSION OF *OSLERUS (OSLERUS) OSLERI (=FILAROIDES OSLERI)* FROM COYOTES TO DOMESTIC DOGS AND COYOTES. *J. Parasitol.* 67(2):284-286. Apr. 1981. WR 182
[Dep. Vet. Microbiol. & Pathol., Wash. State Univ., Pullman 99164] *Canis latrans*.

81-005326 French, Thomas W. and Julian L. Dusi. STATUS OF THE COYOTE AND RED WOLF IN ALABAMA. *J. Ala. Acad. Sci.* 50(4):220-224. Oct. 1979. WR 182
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36830] *Canis latrans* and *C. rufus*.

81-005327 Fuller, Todd K. and Lloyd B. Keith. NON-OVERLAPPING RANGES OF COYOTES AND WOLVES IN NORTHEASTERN ALBERTA. *J. Mammal.* 62(2):403-405. 21 May 1981. WR 182
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Canis latrans* and *C. lupus* in Canada.

81-005328 Harrington, Fred H. URINE-MARKING AND CACHING BEHAVIOR IN THE WOLF. *Behaviour* 76(3-4):280-288. 1981. In English with French summ. WR 182
[Dep. Psychol., Mount Saint Vincent Univ., Halifax, Nova Scotia, Canada] *Canis lupus*.

81-005329 Harris, S. and G. I. Twigg. SEASONAL CHANGES IN THE THYMUS GLAND OF THE FOX. *J. Anat.* 132(3):442. May 1981. Abstract only. WR 182
[Dep. Zool., Univ. Bristol, Bristol, England] *Vulpes vulpes*.

81-005330 Jones, Ross E. and Richard J. Aulerich, compliers. BIBLIOGRAPHY OF FOXES. *Mich. Agric. Exp. Stn. J. Article* 9871:1-141. 1981. WR 182
[Anim. Sci. Dep., Mich. State Univ., East Lansing 48824] Contains 2102 citations.

81-005331 Kolb, H. H. and R. Hewson. VARIATION IN THE DIET OF FOXES IN SCOTLAND. *Acta Theriol.* 24(6):69-83. 1979. In English with Polish summ. WR 182

CANIDS (CONTINUED)

81-005331 CONTINUED
[Dep. Agric. & Fisheries, c/o Inst. Terrestrial Ecol., Blackhall Res. Stn., Banchory AB3 3PS, Scotland] *Vulpes vulpes.*

81-005332 Laundré, John W. and Barry L. Keller. HOME-RANGE USE BY COYOTES IN IDAHO. *Anim. Behav.* 29(2):449-461. May 1981. WR 182
[Dep. Biol., Southwest State Univ., Marshall, MN 56258] *Canis latrans.*

81-005333 Mäkinen, Auli; Outi Lohi and Marja Juvonen. SUPERNUMBERARY CHROMOSOME IN THE CHROMOSOMALLY POLYMORPHIC BLUE FOX, *ALOPEX LAGOPUS. Hereditas* 94(2):277-279. 1981. WR 182
[Dep. Genetics, Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

81-005334 Mech, L. David and R. M. Nowak. RETURN OF THE GRAY WOLF TO WISCONSIN. *Am. Midl. Nat.* 105(2):408-409. Apr. 1981. WR 182
[North Central Forest Exp. Stn., 1992 Folwell Ave., St. Paul, MN 55108] *Canis lupus.*

81-005335 Odening, Klaus; Walter Tscherner and Ingrid Bockhardt. EXPERIMENTELLE BESTIMMUNG VON TREMATODENEIERN (*ALARIA ALATA*) AUS EINEM GOLDSCHAKAL. [EXPERIMENTAL DETERMINATION OF TREMATODE EGGS (*ALARIA ALATA*) IN THE JACKAL *CANIS AUREUS.*] *Nilu* 5(1/2):240-244. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005336 Pulliainen, Erkki. THE STATUS, STRUCTURE AND BEHAVIOUR OF POPULATIONS OF THE WOLF (*CANIS L. LUPUS* L.) ALONG THE FENNO-SOVIET BORDER. *Ann. Zool. Fenn.* 17(2):107-112. 1980. WR 182
[Dep. Zool., Univ. Oulu, Kasarmintie 8, SF-90100 Oulu 10, Finland]

81-005337 Simon, Dennis E. and Merrill J. Frydendall. AGE STUDY OF MINNESOTA RED FOX USING CEMENTUM ANNULAE COUNTS AND TOOTH X-RAYS. *J. Minn. Acad. Sci.* 46(3):2-3. 1980. WR 182
[Whitewater Wildl. Manage. Area, Altura, MN] *Vulpes fulva* in Minnesota.

81-005338 Wells, Michael C. and Marc Bekoff. AN OBSERVATIONAL STUDY OF SCENT-MARKING IN COYOTES, *CANIS LATRANS. Anim. Behav.* 29(2):332-350. May 1981. WR 182
[Bekoff: DEPOB, Univ. Colo., Boulder 80309]

BEARS

81-005339 Addison, E. M. BEARS, WORMS AND BLACKFLIES. *Ont. Fish Wildl.* 19(1):19-20. 1980. WR 182
Ursus americanus.

81-005340 Best, Robin C.; K. Ronald and N. A. Øritsland. PHYSIOLOGICAL INDICES OF ACTIVITY AND METABOLISM IN THE POLAR BEAR. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(2):177-185. 1981. WR 182

BEARS (CONTINUED)

81-005340 CONTINUED
[Inst. Nacl. Pesquisas da Amazonas, Caixa Postal 478, 69,000 Manaus, Amazonas, Brazil] *Ursus maritimus*.

81-005341 Bolch, Eddie. BREEDING POLAR BEARS AT ABILENE ZOOLOGICAL GARDENS. *Anim. Keeper's Forum* 8(6):140-141. June 1981. WR 182
[Abilene Zool. Gardens, P.O. Box 60, Abilene, TX 79604] *Ursus maritimus*.

81-005342 Decker, Daniel J.; Tommy L. Brown; Deborah L. Hustin; Stephen H. Clarke and John O'Pezio. PUBLIC ATTITUDES TOWARD BLACK BEARS IN THE CATSKILLS. *N.Y. Fish Game J.* 28(1):1-20. Jan. 1981. WR 182
[N.Y. State Dep. Environ. Conserv., Wildl. Resour. Cent., Delmar 12054] *Ursus americanus* in New York.

81-005343 Elgmork, Kåre. BJØRN I OMRÅDENE NORD FOR OSLO 1949-1978. [THE BROWN BEAR *URSUS ARCTOS* L. IN THE AREAS TO THE NORTH OF OSLO 1949-1978.] *Fauna (Oslo)* 32(2):49-51. 1979. In Norwegian with English summ. WR 182
[Zool. Inst., Univ. Oslo, Box 1050, Blindern, N-Oslo 3, Norway] Courtesy/Jon Swenson.

81-005344 Seidel, Bernd. KLINISCHER BEITRAG ZUR HÄMATOLOGIE BEI EISBÄREN, *THALARCTOS MARITIMUS*. [CLINICAL REPORT ON THE HEMATOLOGY OF THE POLAR BEAR *THALARCTOS MARITIMUS*.] *Milu* 5(1/2):298-302. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005345 Smith, Barney. SOME THREATS TO THE FUTURE OF GRIZZLY BEARS IN WESTERN CANADA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 222-226. 1980. WR 182
[Box 2703, Whitehorse, Yukon, Canada] *Ursus arctos*.

81-005346 Watts, P. D.; N. A. Øritsland; C. Jonkel and K. Ronald. MAMMALIAN HIBERNATION AND THE OXYGEN CONSUMPTION OF A DENNING BLACK BEAR (*URSUS AMERICANUS*). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):121-123. 1981. WR 182
[Inst. Zoophysiol., Univ. Oslo, Oslo, Norway]

RACCOONS, RINGTAIL, AND COATI

81-005347 Mead, Jim I. and Thomas R. Van Devender. LATE HOLOCENE DIET OF *BASSARISCUS ASTUTUS* IN THE GRAND CANYON, ARIZONA. *J. Mammal.* 62(2):439-442. 21 May 1981. WR 182
[Dep. Geosci., Univ. Ariz., Tucson 85721]

RACCOONS, RINGTAIL, AND COATI (CONTINUED)

81-005348 Schaffer, Gary D.; William R. Davidson; Victor F. Nettles and Edward A. Rollor III. HELMINTH PARASITES OF TRANSLOCATED RACCOONS (*PROCYON LOTOR*) IN THE SOUTHEASTERN UNITED STATES. *J. Wildl. Dis.* 17(2):217-227 Apr. 1981. WR 182
[Southeast. Coop. Wildl. Dis. Study, Dep. Parasitol., Coll. Vet. Med., Univ. Ga., Athens 30602]

MUSTELIDS

81-005349 Amores, F. FEEDINGS HABITS OF THE STONE MARTENS, *MARTES FOINA* (ERXLEBEN, 1777), IN SOUTH WESTERN SPAIN. *Säugetierkd. Mitt.* 28(4):316-322. 1980. In English with Spanish summ. WR 182
[Estacion Biol. Doñana, CSIC, Paraguay no. 1, Seville 12, Spain]

81-005350 Antonelis, George A., Jr.; Stephen Leatherwood; Lanny H. Cornell and James G. Antrim. ACTIVITY CYCLE AND FOOD SELECTION OF CAPTIVE SEA OTTERS. *Murrelet* 62(1):6-9. 1981. WR 182
[Northwest & Alaska Fisheries Cent., 2725 Montlake Blvd., East, Seattle, WA 98112] *Enhydra lutris.*

81-005351 Bjorge, Ronald R.; John R. Gunson and William M. Samuel. POPULATION CHARACTERISTICS AND MOVEMENTS OF STRIPED SKUNKS (*MEPHITIS MEPHITIS*) IN CENTRAL ALBERTA. *Can. Field-Nat.* 95(2):149-155. Apr.-June 1981. WR 182
[Alberta Fish & Wildl. Div., 6909-116 St., Edmonton, Alberta T6H 4P2, Canada]

81-005352 Bleavins, Michael R. and Richard J. Aulerich. FEED CONSUMPTION AND FOOD PASSAGE TIME IN MINK (*MUSTELA VISON*) AND EUROPEAN FERRETS (*MUSTELA PUTORIUS FURO*). *Lab. Anim. Sci.* 31(3):268-269. June 1981. WR 182
[Dep. Anim. Sci., Mich. State Univ., East Lansing 48824]

81-005353 Boyd, R. Lee and John A. Mangos. PULMONARY MECHANICS OF THE NORMAL FERRET. *J. Appl. Physiol.* 50(4):799-804. Apr. 1981. WR 182
[Pediatric Pulmonary Cent., Univ. Fla. Coll. Med., Gainesville 32610] *Mustela putorius furo.*

81-005354 Bueno, L.; J. Fioramonti and J. More. IS THERE A FUNCTIONAL LARGE INTESTINE IN THE FERRET? *Experientia (Basel)* 37(3):275-277. 15 Mar. 1981. WR 182
[Lab. Physiol., Ecole Natl. Véterinaire, 23 Chemin des Capelles, F-31076 Toulouse Cédex, France] *Putorius furo.*

81-005355 Canivenc, R. and M. Bonnin. ENVIRONMENTAL CONTROL OF DELAYED IMPLANTATION IN THE EUROPEAN BADGER (*MELES MELES*). *J. Reprod. Fert. Suppl.* No. 29. p. 25-33. 1981. WR 182
[Lab. Endocrinol. Exp., Univ. Bordeaux II - 146 rue Léo Saignat, 33076 Bordeaux Cedex, France]

MUSTELIDS (CONTINUED)

81-005356 Canivenc, R.; C. Mauget; M. Bonnin and R. J. Aikten. DELAYED IMPLANTATION IN THE BEECH MARTEN (*MARTES FOINA*). *J. Zool. (Lond.)* 193(3):325-332. Mar. 1981. WR 182
[Lab. Endocrinol. Exp., Univ. Bordeaux II, 146 rue Léo Saignat, 33076 Bordeaux Cedex, France]

81-005357 Chotolchu, Namshil; Michael Stubbe and Naniragijn Dawaa. DER STEINMARDER *MARTES FOINA* (ERXLEBEN, 1777) IN DER MONGOLEI. [THE STONE MARTEN *MARTES FOINA* (ERXLEBEN, 1777) IN MONGOLIA.] *Acta Theriol.* 25(10):105-114. 1980. In German with Polish and English summ. WR 182
[Zool. Inst. Mongol. Acad. Sci., Ulan-Bator, Mongolian People's Republic]

81-005358 Daoust, P. Y. and D. B. Hunter. SPONTANEOUS ALEUTIAN DISEASE IN FERRETS. *Can. Vet. J.* 19(5):133-135. May 1978. WR 182
[Dep. Vet. Pathol., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan S7N 0W0, Canada] *Mustela putorius.*

81-005359 Davies, Marjorie. THE BREEDING OF OTTERS AT NORFOLK WILDLIFE PARK AND AT THE OTTER TRUST. *Ratel* 8(1):5-8. 1981. WR 182
Lutra lutra.

81-005360 Farr, A. C. M. and F. L. Bunnell. THE SEA OTTER IN BRITISH COLUMBIA--A PROBLEM OR OPPORTUNITY. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 110-128. 1980. WR 182
[19282 32nd Ave., Surrey, British Columbia, Canada V3S 4N8] *Enhydra lutris* in Canada.

81-005361 Geisel, O. and A. Stanienda. VERGIFTUNGEN BEIM STEINMARDER (*MARTES FOINA*) DURCH EIN RODENTIZID. [POISONING DUE TO A RODENTICIDE IN STONE MARTENS (*MARTES FOINA*).] *Z. Jagdwiss* 27(1):57-60. Mar. 1981. In German with French and English summ. WR 182

81-005362 Granqvist, Eirik. FLODILLERN (*MUSTELA LUTREOLA*) I FINLAND SAMT DEN TROLIGA ORSAKEN TILL DESS TILLBAKAGÅNG. [EUROPEAN MINK (*MUSTELA LUTREOLA*) IN FINLAND AND THE PROBABLE REASON FOR ITS DISAPPEARANCE.] *Memo. Soc. Fauna Flora Fenn.* 57(2):41-49. 1981. In Finnish with English summ. WR 182
[Zool. Mus. Univ., N. Järnvagsg. 13, SF-00100 Helsinki 10, Finland]

81-005363 Gunson, J. R.; W. J. Dorward and D. B. Schowalter. AN EVALUATION OF RABIES CONTROL IN SKUNKS IN ALBERTA. *Can. Vet. J.* 19(8):214-220. Aug. 1978. WR 182
[Fish & Wildl. Div., Alberta Dep. Recreation, Parks & Wildl., 6909-116 St., Edmonton, Alberta T6H 4P2, Canada] *Nephitis mephitis.*

81-005364 Hancox, M. PARASITES AND INFECTIOUS DISEASES OF THE EURASIAN BADGER (*MELES MELES* L.): A REVIEW. *Mammal Rev.* 10(4):151-162. Dec. 1980. WR 182
[94 Crosbie Rd., Chapelfields, Coventry, West Midlands CV5 8FY, England]

MUSTELIDS (CONTINUED)

81-005365 Heggberget, Thrine Moen and Svein Myrberget. DEN NORSKE BESTAND AV OTER 1971-1977. [THE OTTER *LUTRA LUTRA* POPULATION IN NORWAY 1971-1977.] *Fauna (Oslo)* 32(3):89-95. 1979. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] Courtesy/Jon Swenson.

81-005366 Heggberget, Thrine Moen and Svein Myrberget. BESTANDEN AV JERV I NORGE I 1970-ÅRA. [THE WOLVERINE *GULO GULO* POPULATION IN NORWAY IN THE 1970's.] *Fauna (Oslo)* 33(2):52-55. 1980. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt 10, N-7000 Trondheim, Norway] Courtesy/Jon Swenson.

81-005367 Husseini, R. H.; C. Sweet; M. H. Collie and H. Smith. THE RELATION OF INTERFERON AND NONSPECIFIC INHIBITORS TO VIRUS LEVELS IN NASAL WASHES OF FERRETS INFECTED WITH INFLUENZA VIRUSES OF DIFFERING VIRULENCE. *Br. J. Exp. Pathol.* 62(1):87-93. Feb. 1981. WR 182
[Dep. Microbiol., Univ. Birmingham, Birmingham B15 2TT, England] *Putorius p. furo.*

81-005368 Jenkins, David. ECOLOGY OF OTTERS IN NORTHERN SCOTLAND. IV. A MODEL SCHEME FOR OTTER *LUTRA LUTRA* L. CONSERVATION IN A FRESHWATER SYSTEM IN ABERDEENSHIRE. *Biol. Conserv.* 20(2):123-132. June 1981. WR 182
[Inst. Terrestrial Ecol., Brathens, Banchory, Scotland]

81-005369 Jones, G. W.; C. Neal and E. A. Harris. THE HELMINTH PARASITES OF THE BADGER (*MELES MELES*) IN CORNWALL. *Mammal Rev.* 10(4):163-164. Dec. 1980. WR 182
[MAFF, Veterinary Investigation Cent., Polwhele, Truro, Cornwall, England]

81-005370 Juneja, R. Kumar; Lars G. Lundin and Bo Gahne. GENETIC POLYMORPHISM OF AN α_1-PROTEASE INHIBITOR IN MINK PLASMA. *Hereditas* 94(2):249-252. 1981. WR 182
[Dep. Anim. Breeding & Genetics, Swedish Univ. Agric. Sci., S-750 07 Uppsala 7, Sweden] *Mustela vison.*

81-005371 King, C. M. THE ADAPTIVE ADVANTAGES OF DELAYED IMPLANTATION IN THE STOAT. *N.Z. J. Ecol.* 3:159. 1980. Abstract only. WR 182
[3 Waerenga Rd., Eastbourne, New Zealand] *Mustela erminea.*

81-005372 Korolov, N. V. [*MARTES FOINA* ROSANOVI OVARIES HYSTOPHYSIOLOGY IN PERIOD OF DIAPAUSE.] *Biol. Nauki (Mosc.)* 1981(3):45-49. Mar. 1981. In Russian. WR 182

81-005373 Kvam, Tor. JERVENS STATUS I SNØHETTA-RONDANE OMRÅDET I 1979 OG 1980. [POPULATION STATUS OF THE WOLVERINE *GULO GULO* IN SOME CENTRAL NORWEGIAN MOUNTAIN AREAS.] *Fauna (Oslo)* 33(3):117-127. 1980. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] Courtesy/Jon Swenson.

81-005374 Labhardt, Felix. ZUR FÜTTERUNGSTÄTIGKEIT UND ÜBER EINIGE VERHALTENSWEISEN EINER FREILEBENDEN ILTISFÄHE, *MUSTELA PUTORIUS* LINNÉ,. 1758. [ON THE FOOD HABITS AND ON SOME OTHER BEHAVIOR OF A

MUSTELIDS (CONTINUED)

81-005374 CONTINUED WILD *MUSTELA PUTORIUS.*] *Säugetierkd. Mitt.* 28(4):247-251. 1980. In German with English summ. WR 182
[Naturhist. Mus., Augustinergasse 6, CH-4051 Basel, Switzerland]

81-005375 Lofaldli, Lars. FIRE FUNN AV PARTIELT ALBINO GREVLING FRA NORDMØRE. [PARTIALLY ALBINO BADGERS *MELES MELES* FROM RINDAL, MØRE AND ROMSDAL COUNTY, NORWAY.] *Fauna (Oslo)* 33(4):144-146. 1980. In Norwegian with English summ. WR 182
[Zool. Mus., Univ. Bergen, N-5014 Bergen/Univ., Norway] Courtesy/Jon Swenson.

81-005376 Martinet, Lise; Catherine Allais and D. Allain. THE ROLE OF PROLACTIN AND LH IN LUTEAL FUNCTION AND BLASTOCYST GROWTH IN MINK (*MUSTELA VISON*). *J. Reprod. Fert. Suppl.* No. 29. p. 119-130. 1981. WR 182
[Dep. Physiol. Anim., Inst. Natl. Recherche Agronom., 78350 Jouy-en-Josas, France]

81-005377 Mead, Rodney A. DELAYED IMPLANTATION IN MUSTELIDS, WITH SPECIAL EMPHASIS ON THE SPOTTED SKUNK. *J. Reprod. Fert. Suppl.* No. 29. p. 11-24. 1981. WR 182
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843] *Spilogale putorius latifrons* and other mustelids.

81-005378 Myrberget, Svein. FØDSELSTIDSPUNKT OG KULLSTØRRELSE HOS JERV. [TIME OF BIRTH AND LITTER SIZE IN WOLVERINES.] *Fauna (Oslo)* 32(1):9-13. 1979. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] *Gulo gulo* in Norway.--Courtesy/Jon Swenson.

81-005379 Pulliainen, Erkki and Heikki Heikkinen. NÄÄDÄN TALVISESTA KÄYTTÄYTYMISESTÄ METSÄ-LAPIN ITÄOSASSA. [BEHAVIOUR OF THE PINE MARTEN (*MARTES MARTES*) IN E FINNISH FOREST LAPLAND IN WINTER.] *Suomen Riista* 28:30-36. 1980. In Finnish with English summ. WR 182
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

81-005380 Pulliainen, Erkki. HOME RANGES AND SCENT MARKING IN THE PINE MARTEN, *MARTES MARTES* L., IN FOREST LAPLAND IN WINTER. *Mem. Soc. Fauna Flora Fenn.* 57(1):13-14. 1981. Abstract only. WR 182
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

81-005381 Ray, Clayton E.; Elaine Anderson and S. David Webb. THE BLANCAN CARNIVORE *TRIGONICTIS* (MAMMALIA: MUSTELIDAE) IN THE EASTERN UNITED STATES. *Brimleyana* No. 5. p. 1-36. July 1981. WR 182
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

81-005382 Shump, Karl A., Jr.; Ann U. Shump; Martha LaMarre and Richard J. Aulerich, compilers. A BIBLIOGRAPHY OF MUSTELIDS. PART VIII: MARTEN AND FISHER. *Nich. Agric. Exp. Stn. J. Article* 9904:1-45. 1981. WR 182
[Dep. Biol. Sci., State Univ. N.Y., Brockport 14420] Contains 543 citations on *Martes* spp. and *Mustela pennanti*.

MUSTELIDS (CONTINUED)

81-005383 Teska, William R.; Elaine N. Rybak and Rollin H. Baker. REPRODUCTION AND DEVELOPMENT OF THE PYGMY SPOTTED SKUNK (*SPILOGALE PYGMAEA*). *Am. Midl. Nat.* 105(2):390-392. Apr. 1981. WR 182
[Dep. Biol., Furman Univ., Greenville, SC 29613]

81-005384 Vikberg, Pentti. VILLIMINKIN PYYNNISTÄ. [TRAPPING THE AMERICAN MINK.] *Suomen Riista* 28:100-103. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland] *Mustela vison* in Finland.

81-005385 Wiig, Øystein. MINK *MUSTELA VISON* SCHREBER DRIKKER SJØVANN. [MINK *MUSTELA VISON* SCHREBER DRINKING SEA WATER.] *Fauna (Oslo)* 32(4):167. 1979. In Norwegian with English summ. WR 182
[Zool. Mus., Univ. Bergen, N-5014 Bergen, Norway] Courtesy/Jon Swenson.

81-005386 Yagyu, K.; R. Yanagawa; Y. Matsuura and H. Noda. CONTACT INFECTION OF MINK WITH INFLUENZA A IN VIRUSES OF AVIAN AND MAMMALIAN ORIGIN. *Arch. Virol.* 68(2):143-145. 1981. WR 182
[Dep. Hyg. & Microbiol., Fac. Vet. Med., Hokkaido Univ., Sapporo, Japan] *Mustela vison.*

CATS

81-005387 Acharjyo, L. N. and Ch. G. Mishra. A NOTE ON THE BREEDING OF THE LEOPARD-CAT (*FELIS BENGALENSIS*) IN CAPTIVITY. *J. Bombay Nat. Hist. Soc.* 77(1):127-128. Apr. 1980. WR 182
[Nandankanan Biol. Park, P.O. Barang, Dist. Cuttack, India]

81-005388 Bartmann, Wolf. DAS GEPARDEN-PROBLEM IN NAMIBIA/SÜDWESTAFRIKA. [THE CHEETAH PROBLEM IN NAMIBIA/SOUTH WEST AFRICA.] *Zool. Gart.* 51(1):52-64. 1981. In German with English summ. WR 182
[Zoo Dortmund, Mergelteichstraße 80, D-4600 Dortmund 50, West Germany] *Acinonyx jubatus venaticus.*

81-005389 Birkeland, Knut H. and Svein Myrberget. THE DIET OF THE LYNX *LYNX LYNX* IN NORWAY. *Fauna Norv. Ser. A* 1(1):24-28. 1980. In English with Norwegian summ. WR 182
[Nygaardsv. 70D, N-3200 Sandefjord, Norway] Courtesy/Jon Swenson.

81-005390 Blomqvist, Leif. DISTRIBUTION AND STATUS OF THE SNOW LEOPARD (*PANTHERA UNCIA*). *Tigerpaper* 7(4):15-20. Oct. 1980. WR 182

81-005391 Brink, Jan van den. THE FORMER DISTRIBUTION OF THE BALI TIGER, *PANTHERA TIGRIS BALICA* (SCHWARZ, 1912). *Säugetierkd Mitt.* 28(4):286-289. 1980. In English with German summ. WR 182
[Leksmondhof 263, 1108 GA Amsterdam-Zuidoost, Netherlands]

CATS (CONTINUED)

81-005392 Burt, M. D. B.; A. W. Pike and L. K. Corbett. HELMINTH PARASITES OF WILD CATS IN NORTH-EAST SCOTLAND. *J. Helminthol.* 54(5):303-308. Dec. 1980. WR 182
[Dep. Biol., Univ. New Brunswick, Fredericton, New Brunswick, Canada] *Felis silvestris.*

81-005393 Chakrabarti, Kalyan. SUCCESSFUL TRANQUILLISATION OF A SUNDARBANS TIGER. *Tigerpaper* 7(4):10. Oct. 1980. WR 182
Felis tigris.

81-005394 Chavan, Sanat A. STATUS OF PANTHER (*PANTHERA PARDUS*) IN GIR SANCTUARY. *Tigerpaper* 7(4):12-14. Oct. 1980. WR 182
[Silviculture Forests Utilization, Rajpipla, (Gujarat), India]

81-005395 Courtin, S. L.; N. V. Pacheco and W. D. Eldridge. OBSERVACIONES DE ALIMENTACION, MOVIMIENTOS Y PREFERENCIAS DE HABITAT DEL PUMA, EN EL ISLOTE RUPANCO. [OBSERVATIONS ON FOOD HABITS, MOVEMENTS, AND HABITAT PREFERENCE OF THE PUMA ON ISLOTE RUPANCO.] *Medio Ambiente* 4(2):50-55. 1980. In Spanish. WR 182
[Dep. Conserv. del Medio Ambiente, CONAF, Osorno, Chile] *Felis concolor* in Chile.

81-005396 Davey, Peter. CHEETAH ATTACKING LEOPARD; A BLACK SERVAL. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 97. Nov.-Dec. 1980. WR 182
[P.O. Box 15007, Nairobi, Kenya] *Acinonyx jubatus* and *Panthera pardus* in Kenya.

81-005397 Heggberget, Thrine Moen and Svein Myrberget. THE NORWEGIAN LYNX *LYNX LYNX* POPULATION IN THE 1970's. *Fauna Norv. Ser. A* 1(1):29-33. 1980. In English with Norwegian summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] Courtesy/Jon Swenson.

81-005398 McColm, A. A. and W. M. Hutchison. THE PREVALENCE OF INTESTINAL HELMINTHS IN STRAY CATS IN CENTRAL SCOTLAND. *J. Helminthol.* 54(4):255-257. Dec. 1980. WR 182
[Parasitol. Dep., Wellcome Res. Lab., Breckenham, Kent, England]

81-005399 Movchan, V. N. and V. R. Opahova. [ACOUSTIC SIGNALS OF CATS (FELIDAE) LIVING IN THE ZOO.] *Zool. Zh.* 60(4):601-608. Apr. 1981. In Russian with English summ. WR 182
[Physiol. Res. Inst., State Univ. Leningrad, Leningrad, USSR] *Panthera leo, P. tigris, P. pardus, P. onca, Felis concolor* and *Acinonyx jubatus.*

81-005400 Tehsin, Raza H. DO LEOPARDS USE THEIR WHISKERS AS WIND DETECTOR? *J. Bombay Nat. Hist. Soc.* 77(1):128-129. Apr. 1980. WR 182
[41 Panchwati, Udaipur-313 001, India]

OTHER CARNIVORES

81-005401 Bothma, J. du P. and J. A. J. Nel. WINTER FOOD AND FORAGING

OTHER CARNIVORES (CONTINUED)

81-005401 CONTINUED BEHAVIOUR OF THE AARDWOLF *PROTELES CRISTATUS* IN THE NAMIB-NAUKLUFT PARK. *Madoqua* 12(3):141-149. 1980. WR 182
[Eugène Marais Chair of Wildl. Manage., Univ. Pretoria, Pretoria 0002, South Africa]

81-005402 Kamau, John M. Z.; Kjell Johansen and G. M. O. Maloiy. THERMOREGULATION AND STANDARD METABOLISM OF THE SLENDER MONGOOSE (*HERPESTES SANGUINEUS*). *Physiol. Zool.* 52(4):594-602. Oct. 1979. WR 182
[Dep. Anim. Physiol., Univ. Nairobi, Nairobi, Kenya]

81-005403 Zimmer, Nicholas G. OBSERVATIONS ON MONGOOSES CLIMBING TREES. *'Elepaio* 40(8):113-114. Feb. 1980. WR 182
[Hawaii Volcanoes Natl. Park, HI 96718] *Herpestes auropunctatus* in Hawaii.

MARINE MAMMALS

81-005404 Ainley, David G.; Craig S. Strong; Harriet R. Huber; T. James Lewis and Stephen H. Morrell. PREDATION BY SHARKS ON PINNIPEDS AT THE FARALLON ISLANDS. *U.S. Natl. Mar. Fish. Serv. Fish. Bull.* 78(4):941-945. Oct. 1980. WR 182
[Point Reyes Bird Observatory, Stinson Beach, CA 94970]

81-005405 Baker, C. Scott and Louis M. Herman. MIGRATION AND LOCAL MOVEMENT OF HUMPBACK WHALES (*MEGAPTERA NOVAEANGLIAE*) THROUGH HAWAIIAN WATERS. *Can. J. Zool.* 59(3):460-469. Mar. 1981. In English with French summ. WR 182
[Dep. Zool., Univ. Hawaii, Kewalo Basin Marine Mammal Lab., 1129 Ala Moana Blvd., Honolulu 96814]

81-005406 Borisov, V. I. [A COMPARATIVE ANALYSIS OF ELECTROPHORETIC SPECTRA OF PROTEINS IN WHALES OF ANTARCTIC REGION. 1. HEMOGLOBINS AND MYOGLOBINS OF 3 SPECIES OF BALEEN WHALES AND SPERM WHALES.] *Zool. Zh.* 60(3):438-442. Mar. 1981. In Russian with English summ. WR 182
[Inst. Dev. Biol., USSR Acad. Sci., Moscow, USSR] *Physeter catodon, Balaenoptera physalus, B. borealis* and *B. acutorostrata.*

81-005407 Borisov, V. I. [A COMPARATIVE ANALYSIS OF THE ELECTROPHORETIC SPECTRA OF PROTEINS IN THE ANTARCTIC WHALES. 2. LACTATE DEHYDROGENASE OF THREE SPECIES OF BALEEN WHALES AND SPERM WHALES.] *Zool. Zh.* 60(4):595-600. Apr. 1981. In Russian with English summ. WR 182
[Inst. Dev. Biol., USSR Acad. Sci., Moscow, USSR] *Balaenoptera acutorostrata, B. borealis, B. physalus* and *Physeter macrocephalus.*

81-005408 Boshier, D. P. STRUCTURAL CHANGES IN THE CORPUS LUTEUM AND ENDOMETRIUM OF SEALS BEFORE IMPLANTATION. *J. Reprod. Fert. Suppl.* No. 29. p. 143-149. 1981. WR 182
[Dep. Anat., School Med., Univ. Auckland, Auckland, New Zealand]

MARINE MAMMALS (CONTINUED)

81-005409 Bowen, W. Don; Charles K. Capstick and David E. Sergeant. TEMPORAL CHANGES IN THE REPRODUCTIVE POTENTIAL OF FEMALE HARP SEALS (*PAGOPHILUS GROENLANDICUS*). *Can. J. Fish. Aquat. Sci.* 38(5):495-503. May 1981. In English with French summ. WR 182
[Res. & Resour. Serv., Northwest Atlantic Fish. Cent., Dep. Fish. & Oceans, P.O. Box 5667, St. John's, Newfoundland A1C 5X1, Canada]

81-005410 Breiwick, Jeffrey M.; Edward D. Mitchell and Douglas G. Chapman. ESTIMATED INITIAL POPULATION SIZE OF THE BERING SEA STOCK OF BOWHEAD WHALE, *BALAENA MYSTICETUS*: AN ITERATIVE METHOD. *U.S. Natl. Mar. Fish. Serv. Fish. Bull.* 78(4):843-853. Oct. 1980. WR 182
[Natl. Marine Fisheries Serv., NOAA, 7600 Sand Point Way NE, Seattle, WA 98115]

81-005411 Bryant, Peter J.; George Nichols; Toni B. Bryant and Karen Miller. KRILL AVAILABILITY AND THE DISTRIBUTION OF HUMPBACK WHALES IN SOUTHEASTERN ALASKA. *J. Mammal.* 62(2):427-430. 21 May 1981. WR 182
[Dev. Biol. Cent., Univ. Calif., Irvine 92717] *Megaptera novaeangliae.*

81-005412 Condy, P. R. ANNUAL FOOD CONSUMPTION, AND SEASONAL FLUCTUATIONS IN BIOMASS OF SEALS AT MARION ISLAND. *Mammalia* 45(1):21-30. 1981. In English with French summ. WR 182
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

81-005413 Daniel, Joseph C., Jr. DELAYED IMPLANTATION IN THE NORTHERN FUR SEAL (*CALLORHINUS URSINUS*) AND OTHER PINNIPEDS. *J. Reprod. Fert. Suppl.* No. 29. p. 35-50. 1981. WR 182
[Dep. Zool., Univ. Tenn., Knoxville 37916]

81-005414 Davis, R. A. REPORT OF A WORKSHOP ON ARCTIC MARINE MAMMALS. *Can. Tech. Rep. Fish Aquat. Sci.* No. 1005. iv + 13p. May 1981. In English with French summ. WR 182
[LGL Lt., Environ. Res. Assoc., 44 Eglinton Ave. West, Toronto, Onatrio, M4R 1H1 Canada]

81-005415 Davis, Randall William. LACTATE AND GLUCOSE METABOLISM IN THE RESTING AND DIVING HARBOR SEAL (*PHOCA VITULINA*). *Ph.D. dissertation, Univ. Calif. (San Diego)* 166p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3700. Apr. 1981. WR 182

81-005416 DeMaster, Douglas P.; James B. Faro; James A. Estes; James Taggart and Cindy Zabel. DRUG IMMOBILIZATION OF WALRUS (*ODOBENUS ROSMARUS*). *Can. J. Fish. Aquat. Sci.* 38(3):365-367. Mar. 1981. In English with French summ. WR 182
[Natl. Mar. Fisheries Serv., Southwest Fisheries Cent., P.O. Box 271, La Jolla, CA 92038]

81-005417 Drinnan, R. L. and R. M. F. S. Sadleir. THE SUCKLING BEHAVIOR OF A CAPTIVE BELUGA (*DELPHINAPTERUS LEUCAS*) CALF. *Appl. Anim. Ethol.* 7(2):179-185. Apr. 1981. WR 182
[Dep. Biol. Sci., Simon Fraser Univ., Burnaby, British Columbia V5A 1S6, Canada]

MARINE MAMMALS (CONTINUED)

81-005418 Elliott, Heather; Annette Thomas; P. W. Ladds and G. E. Heinsohn. A FATAL CASE OF SALMONELLOSIS IN A DUGONG. *J. Wildl. Dis.* 17(2):203-208. Apr. 1981. WR 182
[Fac. Vet. Sci., Univ. Queensland, St. Lucia, Brisbane, Queensland 4067, Australia] *Dugong dugon.*

81-005419 Gallivan, G. J. and K. Ronald. APPARENT SPECIFIC DYNAMIC ACTION IN THE HARP SEAL (*PHOCA GROENLANDICA*). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):579-581. 1981. WR 182
[Dep. Anaesthesia, McMaster Univ., Hamilton, Ontario, Canada]

81-005420 Harrison, R. J.; M. M. Bryden; D. A. McBrearty and R. L. Brownell, Jr. THE OVARIES AND REPRODUCTION IN *PONTOPORIA BLAINVILLEI* (CETACEA: PLATANISTIDAE). *J. Zool. (Lond.)* 193(4):563-580. Apr. 1981. WR 182
[Dep. Anat., Univ. Cambridge, Cambridge, England]

81-005421 Haug, Tore. EN GRØNLANDSHVAL OBSERVERT PÅ TANASNAGET (N71°00', Ø28°51') I MAI 1980. [A BOWHEAD WHALE *BALAENA MYSTICETUS* L. OBSERVED ON TANASNAGET (N71°00', E28°51') IN MAY 1980.] *Fauna (Oslo)* 33(4):158-159. 1980. In Norwegian with English summ. WR 182
[Marinbiol. Stasjon, Postboks 2550, Sørtromsøya, N-9001 Tromsø, Norway] Courtesy/Jon Swenson.

81-005422 Hochachka, P. W. BRAIN, LUNG, AND HEART FUNCTIONS DURING DIVING AND RECOVERY. *Science* 212(4494):509-514. 1 May 1981. WR 182
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] *Leptonychotes weddelli* in Antarctica.

81-005423 Innes, S.; R. E. A. Stewart and D. M. Lavigne. GROWTH IN NORTHWEST ATLANTIC HARP SEALS *PHOCA GROENLANDICA*. *J. Zool. (Lond.)* 194(1):11-24. May 1981. WR 182
[Dep. Zool., Coll. Biol. Sci., Univ. Guelph, Guelph, Ontario, Canada]

81-005424 Jing Xianying; Xiao Youfu and Jing Rongcai. ACOUSTIC SIGNALS AND ACOUSTIC BEHAVIOUR OF CHINESE RIVER DOLPHIN (*LIPOTES VEXILLIFER*). *Sci. Sin.* 24(3):407-415. Mar. 1981. WR 182
[Inst. Acoustica, Acad. Sinica, China]

81-005425 Mackay, R. Stuart and H. M. Liaw. DOLPHIN VOCALIZATION MECHANISMS. *Science* 212(4495):676-678. 8 May 1981. WR 182
[Dep. Biol., Boston Univ., Boston, MA 02215] *Tursiops truncatus* and *Delphinus delphis*.

81-005426 Mattlin, R. H. PUP GROWTH OF THE NEW ZEALAND FUR SEAL *ARCTOCEPHALUS FORSTERI* ON THE OPEN BAY ISLANDS, NEW ZEALAND. *J. Zool. (Lond.)* 193(3):305-314. Mar. 1981. WR 182
[Fisheries Res. Div., P.O. Box 19062, Wellington, New Zealand]

81-005427 Mead, James G. FIRST RECORDS OF *MESOPLODON HECTORI* (ZIPHIIDAE) FROM THE NORTHERN HEMISPHERE AND A DESCRIPTION OF THE ADULT MALE. *J. Mammal.* 62(2):430-432. 21 May 1981. WR 182
[Div. Mammals, Natl. Mus. Nat. Hist., Washington, DC 20560]

MARINE MAMMALS (CONTINUED)

81-005428 Mitchell, Janet. THE COINCIDENCE BETWEEN A DISTINCT ACCESSORY GROOVE IN YOUNG DUGONG TEETH AND A TROPICAL CYCLONE. *Biol. Conserv.* 20(2):99-109. June 1981. WR 182
[Univ. Mus. Zool., Downing St., Cambridge CB2 3EJ, England] *Dugong dugon.*

81-005429 Murphy, B. J. and P. W. Hochachka. FREE AMINO ACID PROFILES IN BLOOD DURING DIVING AND RECOVERY IN THE ANTARCTIC WEDDELL SEAL. *Can. J. Zool.* 59(3):455-459. Mar. 1981. In English with French summ. WR 182
[Dep. Med., Stanford Univ. Med. School, Stanford Univ., Palo Alto, CA] *Leptonychotes weddelli.*

81-005430 Murphy, Brian Joseph. METABOLIC RESPONSES TO EXPERIMENTAL DIVING IN ADULT AND FETAL WEDDELL SEALS. *Ph.D. dissertation, Univ. British Columbia* 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3982. May 1981. WR 182
Leptonychotes weddelli.

81-005431 Øritsland, Torger and Georg Bondø. KLAPPMYSSUNGE FØDT PÅNORSKEKYSTEN. [HOODED SEAL PUP BORN ON THE COAST OF NORWAY.] *Fauna (Oslo)* 33(2):74-76. 1980. In Norwegian with English summ. WR 182
[Fiskeridirektoratets havforskningsinstitutt, Postboks 1870, N-5011 Nordnes-Bergen, Norway] The first documented birth of *Cystophora cristata* in Norway.--Courtesy/Jon Swenson.

81-005432 Patton, G. W. STUDIES OF THE WEST INDIAN MANATEE (*TRICHECHUS MANATUS*) IN TAMPA BAY. *Fla. Sci.* 44(suppl. 1):38. 1981. Abstract only. WR 182
[Mote Marine Lab., 1600 City Island Park, Sarasota, FL 33577]

81-005433 Prieur, D. and R. Duguy. LES PHOQUES DES CÔTES DE FRANCE. III. LE PHOQUE GRIS *HALICHOERUS GRYPUS* (FABRICIUS, 1791). [THE SEALS FROM COASTS OF FRANCE. III. THE GREY SEAL *HALICHOERUS GRYPUS* (FABRICIUS, 1791).] *Mammalia* 45(1):83-98. 1981. In French with English summ. WR 182
[Fac. Sci., Ave. Le Gorgue, 2900 Brest, France]

81-005434 Qvist, Jesper; Roy E. Weber and Warren M. Zapol. OXYGEN EQUILIBRIUM PROPERTIES OF BLOOD AND HEMOGLOBIN OF FETAL AND ADULT WEDDELL SEALS. *J. Appl. Physiol.* 50(5):999-1005. May 1981. WR 182
[Dep. Anesthesia, Herlev Hospital, DK-2730 Herlev, Denmark] *Leptonychotes weddelli.*

81-005435 Ray, Clayton E. and Arthur E. Spiess. THE BEARDED SEAL, *ERIGNATHUS BARBATUS*, IN THE PLEISTOCENE OF MAINE. *J. Mammal.* 62(2):423-427. 21 May 1981. WR 182
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

81-005436 Ray, G. Carleton. STUDIES OF WALRUS AND WHALES. *Johns Hopkins Univ. Tech. Rep.* 17:1-10. 1977. From Ecol. Abstr. 1980/5:80L/6162. 1980. WR 182
Odobenus rosmarus.

MARINE MAMMALS (CONTINUED)

81-005437 Repenning, Charles A.; Clayton E. Ray and Dan Grigorescu. PINNIPED BIOGEOGRAPHY. *In Historical Biogeography, Plate Techtonics, and the Changing Environment. J. Gray and A. J. Boucot, editors. (Oregon State University Press)* p. 357-369. 1979. From Biol. Abstr. 1980/6:80L/7576. 1980. WR 182

81-005438 Reynolds, John E. III; George T. Hensley and Daniel K. Odell. MARINE MAMMAL PATHOLOGY: REVIEW AND A RECENT CASE HISTORY. *Fla. Sci.* 44(suppl. 1):37. 1981. Abstract only. WR 182
[Eckerd Coll., St. Petersburg, FL 33733]

81-005439 Rowlatt, Ursula. THE CARDIAC VENTRICLES OF A BALEEN WHALE (*BALAENOPTERA ACUTOROSTRATA*: MINKE WHALE) AND A TOOTHED WHALE (*HYPEROODON AMPULLATUS*: BOTTLENOSE WHALE). *J. Morphol.* 168(1):85-96. Apr. 1981. WR 182
[Dep. Pathol., Univ. Ill. Med. Cent., 1853 West Polk St., Chicago 60612]

81-005440 Santiapillai, Charles. ON THE ECOLOGY AND CONSERVATION OF THE DUGONG, *DUGONG DUGON* (MULLER, 1776) IN SRI LANKA. *Tigerpaper* 8(1):2-6. Jan. 1981. WR 182

81-005441 Schmidly, David J. MARINE MAMMALS OF THE SOUTHEASTERN UNITED STATES COAST AND THE GULF OF MEXICO. *U.S. Fish Wildl. Serv.* FWS/OBS-80/41. viii + 165p. Feb. 1981. Available from Supt. Documents, GPO, Washington, DC 20402. WR 182
[Dep. Wildl. & Fisheries Sci., Tex. Agric. Exp. Stn., Tex. A&M Univ., College Station 77843]

81-005442 Sleet, R. B.; J. L. Sumich and L. J. Weber. ESTIMATES OF TOTAL BLOOD VOLUME AND TOTAL BODY WEIGHT OF A SPERM WHALE (*PHYSETER CATODON*). *Can. J. Zool.* 59(3):567-570. Mar. 1981. In English with French summ. WR 182
[Oreg. State Univ. Marine Sci. Cent., Newport 97365]

81-005443 Sprent, J. F. A. ASCARIDOID NEMATODES OF SIRENIANS--THE HETEROCHEILINAE REDEFINED. *J. Helminthol.* 54(4):309-327. Dec. 1980. WR 182
[Dep. Parasitol., Univ. Queensland, St. Lucia, Brisbane, Queensland, Australia]

81-005444 St. Aubin, D. J. and J. R. Geraci. TISSUE LEVELS OF ASCORBIC ACID IN MARINE MAMMALS. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):605-609. 1980. WR 182
[Wildl. Dis. Sect., Dep. Pathol., Ontario Vet. Coll., Univ. Guelph, Guelph, Ontario N1G 2W1, Canada]

81-005445 Steiner, William Wayne II. A COMPARATIVE STUDY OF THE PURE TONAL WHISTLE VOCALIZATIONS FROM FIVE WESTERN NORTH ATLANTIC DOLPHIN SPECIES. *Ph.D. dissertation, Univ. R.I.* 112p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3653. Apr. 1981. WR 182
Tursiops truncatus, Lagenorhynchus acutus, Stenella plagiodon, S. longirostris and *Globicephala melaena*.

MARINE MAMMALS (CONTINUED)

81-005446 Stroud, Richard K.; Clifford H. Fiscus and Hiroshi Kajimura. FOOD OF THE PACIFIC WHITE-SIDED DOLPHIN, *LAGENORHYNCHUS OBLIQUIDENS*, DALL'S PORPOISE, *PHOCOENOIDES DALLI*, AND NORTHERN FUR SEAL, *CALLORHINUS URSINUS*, OFF CALIFORNIA AND WASHINGTON. *U.S. Natl. Fish. Mar. Serv. Fish. Bull.* 78(4):951-959. Oct. 1980. WR 182
[Dep. Vet. Med., Oreg. State Univ., Corvallis 97331]

81-005447 Thompson, Roger K. R. and Louis M. Herman. AUDITORY DELAYED DISCRIMINATIONS BY THE DOLPHIN: NONEQUIVALENCE WITH DELAYED-MATCHING PERFORMANCE. *Anim. Learn. Behav.* 9(1):9-15. Feb. 1981. WR 182
[Franklin & Marshall Coll., Lancaster, PA 17604] *Tursiops truncatus.*

81-005448 Tyack, Peter. INTERACTIONS BETWEEN SINGING HAWAIIAN HUMPBACK WHALES AND CONSPECIFICS NEARBY. *Behav. Ecol. Sociobiol.* 8(2):105-116. Apr. 1981. WR 182
[Rockefeller Univ., 1230 York Ave., New York, NY 10021] *Megaptera novaeangliae.*

81-005449 Vader, Wim. EN NARHVAL *MONODON MONOCEROS* TATT I MØRSVIKFJORDEN, NORDLAND. [A NARWHAL *MONODON MONOCEROS* FROM MØRSVIKFJORDEN, NORDLAND.] *Fauna (Oslo)* 32(3):122. 1979. In Norwegian with English summ. WR 182
[Zool. Avdeling, Tromsø Mus., N-9000 Tromsø, Norway] Courtesy/Jon Swenson.

81-005450 Varela, Ronaldo Saavedra. ISLA METALQUI, UNA LOBERIA QUE NECESITA PROTECCION. [THE ISLE OF METALQUI AND ITS NEED FOR PROTECTION.] *Medio Ambiente* 4(2):35-40. 1980. In Spanish. WR 182

81-005451 Vogl, A. W.; Mary E. Todd and H. D. Fisher. AN ULTRASTRUCTURAL AND FLUORESCENCE HISTOCHEMICAL INVESTIGATION OF THE INNERVATION OF RETIAL ARTERIES IN *MONODON MONOCEROS*. *J. Morphol.* 168(1):109-120. Apr. 1981. WR 182
[Dep. Anat., Harvard Med. School, 25 Shattuck St., Boston, MA 02115]

81-005452 Wo/k, Elżbieta and Genadij M. Kosygin. A HEMATOLOGICAL STUDY OF THE WALRUS, *ODOBENUS ROSMARUS*. *Acta Theriol.* 24(9):99-107. 1979. In English with Polish summ. WR 182
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bia/owieża, Poland]

UNGULATES--GENERAL

81-005453 Habermehl, K.-H.; G. Geiger and M. Wehner. ZUR TECHNIK DER DARSTELLUNG UND ZUR BEWERTUNG DER ALTERSABHÄNGIGEN WURZELZEMENTSCHICHTUNG AN DEN ZANGEN (I 1) DES EUROPÄISCHEN WIEDERKÄUENDEN SCHALENWILDES. [ON THE TECHNIQUE OF THE REPRESENTATION AND ESTIMATION OF AGE BY THE ROOTS OF INCISORS OF EUROPEAN WILD RUMINANTS.] *Säugetierkd. Mitt.* 28(4):301-309. 1980. In German with English summ. WR 182
[Inst. Veterinär-Anat., Frankfurte Straße 98, 6300 Gießen, West Germany]

UNGULATES--GENERAL (CONTINUED)

81-005454 Klein, David R. ALTERNATE SPECIES FOR NORTHERN ANIMAL PRODUCTION. *Can. J. Anim. Sci.* 61(1):7-15. Mar. 1981. In English with French summ. WR 182
[Alaska Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks] *Rangifer tarandus, Ovibus moschatus* and *Alces alces.*

81-005455 Runka, G. Gary. WINTER RANGE FOR UNGULATES. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 56-57. 1980. WR 182
[Land Sense Ltd., Burnaby, British Columbia, Canada]

CERVIDS--GENERAL

81-005456 Dzięciołowski, Ryszard. STRUCTURE AND SPATIAL ORGANIZATION OF DEER POPULATIONS. *Acta Theriol.* 24(1):3-21. 1979. In English with Polish summ. WR 182
[For. Res. Inst., Wery Kostrezewy 3, 02-362 Warsaw, Poland] *Cervus elaphus, C. dama, C. nippon* and *Capreolus capreolus.*

ODOCOILEUS

81-005457 Andersson, Esko and Ilkka Koivisto. VALKOHÄNTÄPEURAN TALVIRAVINTO JA VUOROKAUSIRYTMI. [WHITE-TAILED DEER'S WINTER FOOD AND DIURNAL RHYTHM.] *Suomen Riista* 27:84-92. 1980. In Finnish with English summ. WR 182
[Koivisto: Korkeasaari Zoo, SF-00570 Korkeasaari 57, Finland] *Odocoileus virginianus* in Finland.

81-005458 Bahnak, Bruce Robert. CIRCANNUAL VARIATIONS IN THE BLOOD CHEMISTRY OF THE FEMALE WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*) WHILE UNDER ENVIRONMENTAL STRESS AND NUTRITIONAL EXTREMES. *Ph.D. dissertation, Mich. Technol. Univ.* 203p. 1978. From Diss. Abstr. Int. B Sci. Eng. 41(10):3643. Apr. 1981. WR 182

81-005459 Brown, David E. and Robert S. Henry. ON RELICT OCCURRENCES OF WHITE-TAILED DEER WITHIN THE SONORAN DESERT IN ARIZONA. *Southwest. Nat.* 26(2):147-152. 21 May 1981. WR 182
[Ariz. Game & Fish Dep., Phoenix 85023] *Odocoileus virginianus couesi.*

81-005460 Decker, Daniel J.; Tommy L. Brown and William Sarbello. ATTITUDES OF RESIDENTS IN THE PERIPHERAL ADIRONDACKS TOWARD ILLEGALLY KILLING DEER. *N.Y. Fish Game J.* 28(1):73-80. Jan. 1981. WR 182
[Dep. Nat. Resour., Cornell Univ., Ithaca, NY 14853] *Odocoileus virginianus.*

81-005461 Downey, Robert J. and Thomas D. Beaver. NASAL BOT FLY LARVAE OCCURRING AT HIGH ALTITUDES IN WESTERN MARYLAND. *Proc. Pa. Acad. Sci.* 54(2):190. 1980. WR 182

ODOCOILEUS (CONTINUED)

81-005461 CONTINUED
[Appalachian Environ. Lab., Cent. Environ. & Estuarine Studies, Frostburg, MD 21532] Host: *Odocoileus virginianus*.

81-005462 King, Michael M. and H. Duane Smith. DIFFERENTIAL HABITAT UTILIZATION BY THE SEXES OF MULE DEER. *Great Basin Nat.* 40(3):273-281. 30 Sept. 1980. WR 182
[Dep. Zool., Brigham Young Univ., Provo, UT 84602] *Odocoileus hemionus* in Utah.

81-005463 Mitchell, Wilma Ann. EVALUATION OF WHITE-TAILED DEER AND CATTLE DIETS IN TWO SOUTHEASTERN PINE FORESTS. *Ph.D. dissertation, Miss. State Univ.* 257p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3952. May 1981. WR 182
Odocoileus virginianus in Mississippi.

81-005464 Moore, D. A. and M. L. Kindale. FIVE POSTMORTEM CONDITIONS COMPARED TO TIME OF DEATH IN WHITETAIL DEER. *Proc. La. Acad. Sci.* 43:184. 31 Dec. 1980. Abstract only. WR 182
[Northeast La. Univ., Monroe] *Odocoileus virginianus*.

81-005465 Pybus, M. J. and W. M. Samuel. NEMATODE MUSCLEWORM FROM WHITE-TAILED DEER OF SOUTHEASTERN BRITISH COLUMBIA. *J. Wildl. Manage.* 45(2):537-542. Apr. 1981. WR 182
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada] *Odocoileus virginianus*.

81-005466 Reed, Dale F. MULE DEER BEHAVIOR AT A HIGHWAY UNDERPASS EXIT. *J. Wildl. Manage.* 45(2):542-543. Apr. 1981. WR 182
[Colo. Div. Wildl., 3671 Ward Rd., Wheatridge 80033] *Odocoileus hemionus*.

81-005467 Rochelle, James Arthur. MATURE FORESTS, LITTERFALL AND PATTERNS OF FORAGE QUALITY AS FACTORS IN THE NUTRITION OF BLACK-TAILED DEER ON NORTHERN VANCOUVER ISLAND. *Ph.D. dissertation, Univ. British Columbia* 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3953. May 1981. WR 182

81-005468 Severinghaus, C. W. OVERWINTER WEIGHT LOSS IN WHITE-TAILED DEER IN NEW YORK. *N.Y. Fish Game J.* 28(1):61-67. Jan. 1981. WR 182
[N.Y. State Dep. Environ. Conserv., Wildl. Resour. Cent., Delmar 12054] *Odocoileus virginianus*.

81-005469 Shung, K. K. and M. Rocco. ULTRASONIC ABSORPTION IN DEER BLOOD. *J. Acoust. Soc. Am.* 69(suppl. 1):S4. 1981. Abstract only. WR 182
[Bioeng. Program, Pa. State Univ., University Park 16802] *Odocoileus virginianus*.

81-005470 Sundberg, John P. and Svend W. Nielsen. CONGENITAL BILATERAL METACARPAL DEVIATION AND MEDIAL PATELLAR LUXATION IN A YOUNG WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*). *J. Wildl. Dis.* 17(2):251-258. Apr. 1981.

ODOCOILEUS (CONTINUED)

81-005470 CONTINUED WR 182
[Northeast. Res. Cent. Wildl. Dis., Univ. Conn., Storrs 06268]

81-005471 Ullrey, D. E.; W. G. Youatt and P. A. Whetter. MUSCLE SELENIUM CONCENTRATIONS IN MICHIGAN DEER. *J. Wildl. Manage.* 45(2):534-536. Apr. 1981. WR 182
[Dep. Anim. Husbandry, Mich. State Univ., East Lansing 48024] *Odocoileus virginianus.*

81-005472 Ullrich, Marlies. PRÄPARATION DES AUSFÜHRUNGSGANGES DER OHRSPEICHELDRÜSE AN EINEM VIRGINIAHIRSCH (*ODOCOILEUS VIRGINIANUS*). [DISSECTION OF EXCRETORY DUCT OF THE PAROTID GLAND OF A WHITE-TAILED DEER *ODOCOILEUS VIRGINIANUS.*] *Milu* 5(1/2):328-330. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005473 Vikberg, Pentti. VALKOHÄNTÄPEURAN TALVIRUOKINNASTA. [ON THE WINTER FEEDING OF THE WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*) IN FINLAND.] *Suomen Riista* 28:114-117. 1980. In Finnish with Engish summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland]

81-005474 Watkins, Bruce Ellsworth. IODINE STATUS AND THYROID ACTIVITY OF WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS BOREALIS*). *Ph.D. dissertation, Mich. State Univ.* 133p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4325. June 1981. WR 182

OTHER CERVIDS

81-005475 Aitken, R. J. ASPECTS OF DELAYED IMPLANTATION IN THE ROE DEER (*CAPREOLUS CAPREOLUS*). *J. Reprod. Fert. Suppl.* No. 29. p. 83-95. 1981. WR 182
[M.R.C. Unit. Reprod. Biol., Cent. Reprod. Biol., 33 Chalmers St., Edinburgh EH3 9EW, Scotland]

81-005476 Altmann, Dagmar and Helga Scheel. GEBURT, BEGINN DES SOZIALVERHALTENS AND ERSTES LERNEN BEIM MILU, *ELAPHURUS DAVIDIANUS.* [BIRTH, ONSET OF SOCIAL BEHAVIOR AND FIRST LEARNING OF PÈRE DAVID'S DEER *ELAPHURUS DAVIDIANUS.*] *Milu* 5(1/2):146-156. 1980. In German with English summ. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005477 Ballard, Warren B.; Ted H. Spraker and Kenton P. Taylor. CAUSES OF NEONATAL MOOSE CALF MORTALITY IN SOUTH CENTRAL ALASKA. *J. Wildl. Manage.* 45(2):335-342. Apr. 1981. WR 182
[Alaska Dep. Fish & Game, P.O. Box 47, Glennallen 99588] *Alces alces gigas.*

OTHER CERVIDS (CONTINUED)

81-005478 Basile, Joseph V. ELK-ASPEN RELATIONSHIPS ON A PRESCRIBED BURN. *U.S. For. Serv. Res. Note INT* 271:1-7. 1979. From Ecol. Abstr. 1980/5:80L/6424. 1980. WR 182
Cervus canadensis.

81-005479 Bylund, G.; H.-P. Fagerholm; C. Krogell and S. Nikander. STUDIES ON *ONCHOCERCA TARSICOLA* BAIN AND SCHULZ-KEY, 1974 IN REINDEER (*RANGIFER TARANDUS*) IN NORTHERN FINLAND. *J. Helminthol.* 55(1):13-20. Mar. 1981. WR 182
[Inst. Parasitol., Åbo Akad., Åbo, Finland]

81-005480 Crête, Michel; R. J. Taylor and P. A. Jordan. SIMULATING CONDITIONS FOR THE REGULATION OF A MOOSE POPULATION BY WOLVES. *Ecol. Modelling* 12(4):245-252. May 1981. WR 182
[Aménage. & Exploitation, Minist. Loisir, Chasse Pêche, rue de la Faune, Orsainville, Québec, G1G 5E5 Canada] *Alces alces* and *Canis lupus.*

81-005481 Drożdż, Andrzej. SEASONAL INTAKE AND DIGESTIBILITY OF NATURAL FOODS BY ROE-DEER. *Acta Theriol.* 24(13):137-170. 1979. In English with Polish summ. WR 182
[Inst. Zootechnics, Sheep Exp. Stn., Bielanka, 34-423 Sieniawa, Poland] *Capreolus capreolus* in Poland.

81-005482 Eldridge, W. D.; N. V. Pacheco and S. L. Courtin. PREFERENCIAS DE HABITAT Y PATRONES DE ACTIVIDAD DEL CIERVO EXOTICO EN EL SUR DE CHILE. [HABITAT PREFERENCE AND ACTIVITY PATTERNS OF EXOTIC CERVIDS IN SOUTHERN CHILE.] *Medio Ambiente* 4(2):56-74. 1980. In Spanish. WR 182
Cervus elaphus and *Dama dama.*

81-005483 English, A. W. and E. E. Lepherd. THE HAEMATOLOGY AND SERUM BIOCHEMISTRY OF WILD FALLOW DEER (*DAMA DAMA*) IN NEW SOUTH WALES. *J. Wildl. Dis.* 17(2):289-295. Apr. 1981. WR 182
[Dep. Vet. Clinical Studies, Univ. Sydney, Private Mailbag, Camden, New South Wales 2570, Australia]

81-005484 Espmark, Yngve. TAXONOMIC NOTES ON THE SWEDISH DOMESTIC REINDEER, GENUS *RANGIFER. Zool. Scr.* 10(2):155-159. 1981. WR 182
[Dep. Zool., Univ. Trondheim, Trondheim, Norway] *Rangifer tarandus fennicus* and *R. t. tarandus.*

81-005485 Fong, David W. SEASONAL VARIATION OF MARROW FAT CONTENT FROM NEWFOUNDLAND MOOSE. *J. Wildl. Manage.* 45(2):545-548. Apr. 1981. WR 182
[Newfoundland Dep. Tourism, Wildl. Div., St. John's, Newfoundland A1C 5T7, Canada] *Alces alces.*

81-005486 Fowler, Christopher J.; Astrid Norqvist, Lars Oreland; Erkki Saramies and Åsa Wiberg. MONOAMINE OXIDASE ACTIVITY IN OX, ELK AND REINDEER BRAINS. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 68(2):145-149. 1981. WR 182
[Dep. Pharmacol., Univ. Umeå, S-901 87 Umeå, Sweden] *Alces alces* and *Rangifer tarandus.*

OTHER CERVIDS (CONTINUED)

81-005487 Frädrich, Hans. BEOBACHTUNGEN AM PAMPASHIRSCH, *BLASTOCEROS BEZOARTICUS* (L., 1758). [OBSERVATION ON THE PAMPAS DEER *BLASTOCEROS BEZOARTICUS*.] *Zool. Gart.* 51(1):7-32. 1981. In German with English summ. WR 182
[Zool. Garten, Hardenbergplatz 8, Berlin 30, West Germany]

81-005488 Funk, E. DAS VERHALTEN ZWEIER ROTHIRSCH-GYNOPÄDIEN--EINE GEHEGEBEOBACHTUNG. [THE BEHAVIOUR OF TWO RED DEER FAMILY GROUPS--AN ENCLOSURE OBSERVATION.] *Z. Jagdwiss.* 27(1):33-41. Mar. 1981. In German with French and English summ. WR 182
[Zool. Inst. Math, Nat. Fak., Univ. Göttingen, Göttingen, West Germany] *Cervus elaphus.*

81-005489 Gębczyńska, Zofia. FOOD OF THE ROE DEER AND RED DEER IN THE BIAŁOWIEZA PRIMEVAL FOREST. *Acta Theriol.* 25(40):487-500. 1980. In English with Polish summ. WR 182
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Białowieża, Poland] *Capreolus capreolus* and *Cervus elaphus*.

81-005490 Geissler, B. VERKEHRSOPFER BEIM DAMWILD UND DIE AUSWIRKUNG VON ÄSUNGSFLÄCHEN AUF DEN WILDVERKEHRSTOD. [TRAFFIC CASULATIES AMONGST FALLOW DEER AND THE EFFECT OF GRAZING LAWNS ON THE NUMBER OF TRAFFIC DEATHS.] *Z. Jagdwiss* 27(1):61-72. Mar. 1981. In German with French and English summ. WR 182
Dama dama

81-005491 Georgii, B. ACTIVITY PATTERNS OF FEMALE RED DEER (*CERVUS ELAPHUS L.*) IN THE ALPS. *Oecologia (Berl.)* 49(1):127-136. May 1981. WR 182
[Lehreinheit Wildbiol. & Jagdkunde, Univ. Munich, Außenstelle Oberammergau, Munich, West Germany]

81-005492 Groves, Colin P. A FURTHER NOTES ON *MOSCHUS*. *J. Bombay Nat. Hist. Soc.* 77(1):130-133. Apr. 1980. WR 182
[Dep. Prehist. & Anthropol., Australian Natl. Univ., Canberra, Australia] *Moschus sifanicus* and *M. c. chrysogaster* in India and Nepal.

81-005493 Gupta, Prem P. and Claes Rehbinder. SPONTANEOUS AORTIC LESIONS IN REINDEER (*RANGIFER TARANDUS* L.). *Acta Vet. Scand.* 22(1):60-66. 1981. WR 182
[Dep. Pathol., Roy. Veterinary Coll., Uppsala, Sweden]

81-005494 Haensel, Joachim. ZUR BIOLOGIE DER VIETNAM-SIKAS (*CERVUS NIPPON PSEUDAXIS* EYDOUX & SOULEYET, 1838)--UNTERSUCHUNGEN AN DER ZUCHTGRUPPE IM TIERPARK BERLIN. [ON THE BIOLOGY OF VIETNAM SIKA DEER *CERVUS NIPPON PSEUDAXIS* INVESTIGATIONS OF IN THE BERLIN ZOO.] *Milu* 5(1/2):69-99. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005495 Hamilton, G. D. MOOSE AND WOODLAND CARIBOU IN WEST PATRICIA. *Ont. Fish Wildl.* 19(1):7-9. 1980. WR 182
Alces alces and *Rangifer tarandus*.

OTHER CERVIDS (CONTINUED)

81-005496 Heitzer Q., Reinaldo and Carlos Ramírez G. EL IMPACTO DEL CIERVO ROJO SOBRE LA VEGETACION DEL ISLOTE RUPANCO (OSORNO, CHILE). [THE IMPACT OF RED DEER ON THE VEGETATION OF ISLOTE RUPANCO (OSORNO, CHILE).] *Medio Ambiente* 4(2):75-81. 1980. In Spanish with English summ. WR 182
[Inst. Bot., Fac. Ciencias, Univ. Austral de Chile, Valdivia, Chile] *Cervus elaphus.*

81-005497 Helle, Pekka. FOOD COMPOSITION AND FEEDING HABITS OF THE ROE DEER IN WINTER IN CENTRAL FINLAND. *Acta Theriol.* 25(32):395-402. 1980. In English with Polish summ. WR 182
[Oulanka Biol. Stn., Univ. Oulu, Torikatu 7, SF-90100 Oulu 10, Finland] *Capreolus capreolus.*

81-005498 Helle, Timo. ABUNDANCE OF WARBLE FLY (*OEDEMAGENA TARANDI*) LARVAE IN SEMI-DOMESTIC REINDEER (*RANGIFER TARANDUS*) IN FINLAND. *Rep. Kevo Subarct. Res. Stn.* 16:1-6. 1980. WR 182
[Res. Inst. Northern Finland, Univ. Oulu, SF-96200 Rovaniemi 20, Finland]

81-005499 Jop, Krzysztof. QUALITY EVALUATION OF ROE-DEER ANTLERS FROM AN INDUSTRIAL REGION IN SOUTHERN POLAND. *Acta Theriol.* 24(2):23-34. 1979. In English with Polish summ. WR 182
[Dep. Anim. Ecol., Jagiellonian Univ., Krupnicza 50, 30-060 Kraków, Poland] *Capreolus capreolus.*

81-005500 Leader-Williams, N.; Tessa A. Scott and R. M. Pratt. FORAGE SELECTION BY INTRODUCED REINDEER ON SOUTH GEORGIA, AND ITS CONSEQUENCES FOR THE FLORA. *J. Appl. Ecol.* 18(1):83-106. Apr. 1981. WR 182
[Large Anim. Res. Group, Dep. Zool., Univ. Cambridge, Cambridge, England] *Rangifer tarandus.*

81-005501 LeBlond, Nancy Russell and William E. Rees. AN INTERNATIONAL CONSERVATION CHALLENGE: THE PORCUPINE CARIBOU. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 228-240. 1980. WR 182
[#109-2008 Fullerton Ave., North Vancouver, British Columbia V7P 3G7, Canada] *Rangifer tarandus.*

81-005502 Miller, Frank L. and Anne Gunn. PLAY BY PEARY CARIBOU CALVES BEFORE: DURING, AND AFTER HELICOPTER HARASSEMENT. *Can. J. Zool.* 59(5):823-327. May 1981. In English with French summ. WR 182
[Canadian Wildl. Serv., 9942 108th St., Edmonton, Alberta, Canada T5K 2J5] *Rangifer tarandus pearyi* in Canada.

81-005503 Mould, Eric D. and Charles T. Robbins. NITROGEN METABOLISM IN ELK. *J. Wildl. Manage.* 45(2):323-334. Apr. 1981. WR 182
[Dep. Biol., St. Mary's Coll., Notre Dame, IN 46556] *Cervus elaphus nelsoni.*

81-005504 Nieminen, Mauri; Jouni Timisjärvi and Matti Laitinen. THE EFFECTS OF ANTIPARASITIC TREATMENT ON THE CONDITION OF SEMI-DOMESTIC REINDEER (*RANGIFER TARANDUS*). *Rep. Kevo Subarct. Res. Stn.* 16:23-26.

OTHER CERVIDS (CONTINUED)

81-005504 CONTINUED 1980. WR 182
[Finnish Game & Fisheries Res. Inst., Game Div., Koskikatu 33A, SF-96100 Rovaniemi 10, Finland]

81-005505 Nieminen, Mauri and Timo Helle. VARIATIONS IN BODY MEASUREMENTS OF WILD AND SEMI-DOMESTIC REINDEER (*RANGIFER TARANDUS*) IN FENNOSCANDIA. *Ann. Zool. Fenn.* 17(4):275-283. 1980. WR 182
[Finnish Game & Fisheries Res. Inst., Koskikatu 33A, 96100 Rovaniemi 10, Finland]

81-005506 Oldemeyer, John L. and Albert W. Franzmann. ESTIMATING WINTER DEFECATION RATES FOR MOOSE, *ALCES ALCES*. *Can. Field-Nat.* 95(2):208-209. Apr.-June 1981. WR 182
[Denver Wildl. Res. Cent., 1300 Blue Spruce Dr., Fort Collins, CO 80524]

81-005507 Putman, R. J. CONSUMPTION, PROTEIN AND ENERGY INTAKE OF FALLOW DEER FAWNS ON DIETS OF DIFFERING NUTRITIONAL QUALITY. *Acta Theriol.* 25(33):403-413. 1980. In English with Polish summ. WR 182
[Dep. Biol., Bldg. 44, The University, Southampton, England] *Dama dama*.

81-005508 Rehbinder, Claes; Ingegerd Forssell; Magnus Nordkvist and Pal von Szokolay. EFFEKTEN AV MEBENDAZOL PÅ *ELAPHOSTRONGYLUS RANGIFERI* HOS REN. [EFFICACY OF MEBENDAZOLE ON *ELAPHOSTRONGYLUS RANGIFERI* IN REINDEER.] *Nord. Veterinærmed.* 33(3):150-158. Mar. 1981. In Swedish with English summ. WR 182
[Inst. Patol., Vet.-Med. Fak., Sveriges Lantbruksuniv., S-750 07 Uppsala, Sweden] *Rangifer tarandus*.

81-005509 Reichholf, Josef. JAHRESZEIT- UND BIOTOPABHÄNGIGKEIT DER RUDELBILDUNG BEIM REHWILD (*CAPREOLUS CAPREOLUS* L.). [DEPENDENCE OF GROUP FORMATION IN ROE DEER (*CAPREOLUS CAPREOLUS* L.) FROM SEASON AND TYPE OF HABITAT.] *Spixiana* 3(2):193-208. 1 July 1980. In German with English summ. WR 182
[Zool. Staatssammlung, Maria-Ward-Str. 1b, D-8000 Münich 19, West Germany]

81-005510 Ringberg, Tata M.; Robert G. White; Dan F. Holleman and Jack R. Luick. PREDICTION OF CARCASS COMPOSITION IN REINDEER (*RANGIFER TARANDUS TARANDUS* L.) BY USE OF SELECTED INDICATOR BONES AND MUSCLES. *Can. J. Zool.* 59(4):583-588. Apr. 1981. In English with French summ. WR 182
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701]

81-005511 Sayer, Jeffrey. CAPTIVE BREEDING OF THE THAILAND BROW-ANTLERED DEER (*CERVUS ELDI SIAMENSIS*). *Tigerpaper* 7(4):11-12. Oct. 1980. WR 182

81-005512 Sempéré, A. J. and J. Boissin. RELATIONSHIP BETWEEN ANTLER DEVELOPMENT AND PLASMA ANDROGEN CONCENTRATIONS IN ADULT ROE DEER (*CAPREOLUS CAPREOLUS*). *J. Reprod. Fert.* 62(1):49-53. May 1981. WR 182
[Cent. d'Etudes Biol. Anim. Sauvages, CNRS, Villiers-en-Bois, 79360 Beauvoir-sur-Niort, France]

OTHER CERVIDS (CONTINUED)

81-005513 Skogland, Terje. COMPARATIVE SOCIAL ORGANIZATION OF ALPINE-ARCTIC WILD REINDEER DURING RUT. *Mem. Soc. Fauna Flora Fenn.* 57(1):17. 1981. Abstract only. WR 182
[Viltforskningen DVF, Elgesetergt. 10, 7000 Trondheim, Norway] *Rangifer tarandus* in Norway.

81-005514 Snyder, Walt. ELK: A NEW GAME PLAN. *N.M. Wildl.* 26(4):2-4. July-Aug. 1981. WR 182
Cervus elaphus in New Mexico.

81-005515 Taavitsainen, Jussi-Pekka. HIRVEN ESIINTYMISESTÄ SUOMESSA ESIHISTORIALLISENA AIKANA ARKEOLOGISTEN TODISTEIDEN VALOSSA. [DISTRIBUTION OF THE MOOSE IN FINLAND IN PREHISTORIC TIMES IN THE LIGHT OF ARCHAEOLOGICAL EVIDENCE.] *Suomen Riista* 28:5-14. 1980. In Finnish with English summ. WR 182
[Natl. Board Antiquities, Bur. Archaelogy, Box 913, SF-00101, Helsinki 10, Finland] *Alces alces.*

81-005516 Trudell, Jeanette and Robert G. White. THE EFFECT OF FORAGE STRUCTURE AND AVAILABILITY ON FOOD INTAKE, BITING RATE, BITE SIZE AND DAILY EATING TIME OF REINDEER. *J. Appl. Ecol.* 18(1):63-81. Apr. 1981. WR 182
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer t. tarandus.*

81-005517 Wishart, William D. JANUARY CONCEPTION IN AN ELK IN ALBERTA. *J. Wildl. Manage.* 45(2):544. Apr. 1981. WR 182
[Alberta Dep. Energy & Nat. Resour., O.S. Longman Bldg., 6909 116 St., Edmonton, Alberta, T6H 4P2, Canada] *Cervus elaphus nelsoni.*

OTHER UNGULATES

81-005518 Alendal, Einar. TOLV MOSKUSFE DREPT AV LYN PÅ DOVREFJELL. [TWELVE MUSKOXEN KILLED BY LIGHTNING IN THE DOVRE MOUNTAINS, SOUTH NORWAY.] *Fauna (Oslo)* 33(2):49-51. 1980. In Norwegian with English summ. WR 182
[Zool. Mus., N-5014 Bergen, Norway] *Ovibos moschatus.*--Courtesy/Jon Swenson.

81-005519 Attwell, C. A. M. and J. Hanks. REPRODUCTION OF THE BLUE WILDEBEEST *CONNOCHAETES TAURINUS TAURINUS* IN ZULULAND, SOUTH AFRICA. *Säugetierkd. Mitt.* 28(4):264-281. 1980. In English with French summ. WR 182
[Dep. Biol., Univ. Coll. Swaziland, Private Bag, Kwaluseni, Swaziland]

81-005520 Attwell, C. A. M. and R. C. V. Jeffery. ASPECTS OF MOLARIFORM TOOTH ATTRITION IN ELAND AND WILDEBEEST. *S. Afr. J. Wildl. Res.* 11(1):31-34. 1981. In English with Afrikaans summ. WR 182
[Div. Biol. Sci., Univ. Zimbabwe, P.O. Box MP167, Salisbury, Zimbabwe] *Taurotragus o. oryx* and *Connochaetes t. taurinus.*

OTHER UNGULATES (CONTINUED)

81-005521 Baharav, Dan and Uzi Meiboom. THE STATUS OF THE NUBIAN IBEX *CAPRA IBEX NUBIANA* IN THE SINAI DESERT. *Biol. Conserv.* 20(2):91-97. June 1981. WR 182
[Dep. Biol., Technion., Israel Inst. Technol., Haifa, Israel]

81-005522 Boshe, J. I. REPRODUCTIVE ECOLOGY OF THE WARTHOG *PHACOCHOERUS AETHIOPICUS* AND ITS SIGNIFICANCE FOR MANAGEMENT IN THE EASTERN SELOUS GAME RESERVE, TANZANIA. *Biol. Conserv.* 20(1):37-44. May 1981. WR 182
[Coll. African Wildl. Manage., Mweka, P.O. Box 3031, Moshi, Tanzania]

81-005523 Boyd, Ian L. POPULATION CHANGES AND THE DISTRIBUTION OF A HERD OF FERAL GOATS (*CAPRA* SP.) ON RHUM, INNER HEBRIDES, 1960-78. *J. Zool. (Lond.)* 193(3):287-304. Mar. 1981. WR 182
[Sea Mammal Res. Unit, c/o British Antarctic Surv., Madingley Rd., Cambridge, England]

81-005524 Brink, W. Jan Van Den. THE BEHAVIOUR OF WISENT AND BISON IN LARGER ENCLOSURES. *Acta Theriol.* 25(11):115-130. 1980. In English with Polish summ. WR 182
[Leksmondhof 263, 1108 GA Amsterdam-Zuidoost, Netherlands] *Bison bonasus* and *B. bison*.

81-005525 Brown, David E. and Paul M. Webb. A PRELIMINARY RECONNAISSANCE OF THE HABITAT OF THE PENINSULAR PRONGHORN (*ANTILOCAPRA AMERICANA PENINSULARIS*). *Ariz.-Nev. Acad. Sci. J.* 14(1):30-32. 1979. From Ecol. Abstr. 1980/6:80L/8420. 1980. WR 182

81-005526 Bunnell, Fred L. and Neil A. Olsen. AGE-SPECIFIC NATALITY IN DALL'S SHEEP. *J. Mammal.* 62(2):379-380. 21 May 1981. WR 182
[Inst. Anim. Resour. Ecol., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] *Ovis dalli* in Canada.

81-005527 Burger, B. V.; Maritha le Roux, H. S. C. Spies; Verona Truter and R. C. Bigalke. MAMMALIAN PHEROMONE STUDIES, IV. TERPENOID COMPOUNDS AND HYDROXY ESTERS FROM THE DORSAL GLAND OF THE SPRINGBOK, *ANTIDORCAS MARSUPIALIS*. *Z. Naturforsch. Sect. C Biosci.* 36(3/4):340-343. Mar./Apr. 1981. WR 182
[Dep. Chem., Univ. Stellenbosch, Stellenbosch 7600, South Africa]

81-005528 Burger, B. V.; Maritha le Roux; H. S. C. Spies; Verona Truter; R. C. Bigalke and P. A. Novellie. MAMMALIAN PHEROMONE STUDIES, V. COMPOUNDS FROM THE PREORBITAL GLAND OF THE GRYSBOK, *RAPHICERUS MELANOTIS*. *Z. Naturforsch. Sect. C Biosci.* 36(3/4):344-346. Mar./Apr. 1981. WR 182
[Dep. Chem., Univ. Stellenbosch, Stellenbosch 7600, South Africa]

81-005529 Cave, A. J. E. ON THE CARDIAC ANATOMY OF THE SUMATRAN RHINOCEROS. *J. Zool. (Lond.)* 193(4):541-561. Apr. 1981. WR 182
Didermocerus sumatrensis.

81-005530 Chandran, P. R. NILGIRI TAHR (*HEMITRAGUS HYLOCRIUS*) IN CAPTIVITY. *J. Bombay Nat. Hist. Soc.* 77(1):129-130. Apr. 1980. WR 182
[Zoos & Gardens, Trivandrum-1, India]

OTHER UNGULATES (CONTINUED)

81-005531 Cribiu, E. P. and C. P. Popescu. CHROMOSOME CONSTITUTION OF A HYBRID BETWEEN EAST AFRICAN BUFFALO (*SYNCERUS CAFFER CAFFER*) AND DWARF FOREST BUFFALO (*SYNCERUS CAFFER NANUS*). *Ann. Génét. Sél. Anim.* 12(3):291-293. 1980. In English with French summ. WR 182
[CNRZ, I.N.R.A., F78350 Jouy-en-Josas, France]

81-005532 Davis, Simon J. M. A NOTE ON THE DENTAL AND SKELETAL ONTOGENY OF *GAZELLA*. *Isr. J. Zool.* 29(1-3):129-134. 1980. WR 182
[Dep. Genetics, Royal Free Hospital School Med., 8 Hunter St., London WC1N 1BP, England] *Gazella gazella* and *G. dorcas*.

81-005533 Davis, Simon J. M. LATE PLEISTOCENE-HOLOCENE GAZELLES OF NORTHERN ISRAEL. *Isr. J. Zool.* 29(1-3):135-140. 1980. WR 182
[Dep. Genetics, Royal Free Hospital School Med., 8 Hunter St., London WC1N 1BP, England] *Gazella* spp.

81-005534 Dixon, Alexandra and Mark MacNamara. OBSERVATIONS ON THE SOCIAL INTERACTIONS AND DEVELOPMENT OF SEXUAL BEHAVIOR IN THREE SUB-ADULT, ONE-HORNED INDIAN RHINOCEROS (*RHINOCEROS UNICORNIS*) MAINTAINED IN CAPTIVITY. *Zool. Gart.* 51(1):65-70. 1981. In English. WR 182
[Harvard Univ., Cambridge, MA]

81-005535 Dubost, Gérard and François Feer. THE BEHAVIOR OF THE MALE *ANTILOPE CERVICAPRA* L., ITS DEVELOPMENT ACCORDING TO AGE AND SOCIAL RANK. *Behaviour* 76(1-2):62-127. 1981. In English with German summ. WR 182
[Lab. Ecol. Générale Mus., Brunoy, France]

81-005536 Galat-Luong, Anh. QUELQUES OBSERVATIONS SUR UN HIPPOPOTAME PYGMÉE NOUVEAU-NÉ (*CHOEROPSIS LIBERIENSIS*) EN FORÊT DE TAÏ CÔTE D'IVOIRE. [SOME OBSERVATIONS ON A NEW-BORN PIGMY HIPPOPOTAMUS IN THE TAÏ FOREST, IVORY COAST.] *Mammalia* 45(1):39-41. 1981. In French with English summ. WR 182
[Orstom, B.P. V-51, Abidjan, Ivory Coast]

81-005537 Gentry, A. W. NOTES ON BOVIDAE (MAMMALIA) FROM THE HADAR FORMATION, AND FROM AMADO AND GERARU, ETHIOPIA. *Kirtlandia* No. 33. 30p. 1981. Available at $2.00 from Kent State University Press, Kent, OH 44242.
[British Mus. (Nat. Hist.), London, England]

81-005538 Hagen, H. and U. Hagen. FREILANDBEOBACHTUNG DER GEBURT EINER THOMSONGAZELLE, *GASELLA THOMSONI* GÜNTHER, 1884, IM AMBOSELI-NATIONALPARK, KENIA. [FIELD OBSERVATIONS OF PARTURITION IN THOMSON'S GAZELLE *GAZELLA THOMSONI* IN AMBOSELI NATIONAL PARK, KENYA.] *Säugetierkd. Mitt.* 28(4):256-263. 1980. In German with English summ. WR 182
[Bremer Straße 16, 2148 Zeven, West Germany]

81-005539 Hawley, A. W. L.; D. G. Peden and W. R. Stricklin. BISON AND HEREFORD STEER DIGESTION OF SEDGE HAY. *Can. J. Anim. Sci.* 61(1):165-174. Mar. 1981. WR 182
[Alberta Environ. Cent., Vegreville, Alberta T0B 4L0, Canada] *Bison bison*.

OTHER UNGULATES (CONTINUED)

81-005540 Hoppeler, Hans; Odile Mathieu; Rudolf Krauer; Helgard Claassen; Robert B. Armstrong and Ewald R. Weibel. DESIGN OF THE MAMMALIAN RESPIRATORY SYSTEM. VI. DISTRIBUTION OF MITOCHONDRIA AND CAPILLARIES IN VARIOUS MUSCLES. *Respir. Physiol.* 44(1):87-111. Apr. 1981. WR 182
[Dep. Anat., Univ. Berne, Berne, Switzerland] *Connochaetes taurinus* and *Madoqua kirkii*.

81-005541 Kimani, James Kirumbi. STRUCTURAL EVIDENCE FOR INSERTION OF COLLAGEN FIBRES TO SMOOTH MUSCLE CELLS IN THE CAROTID ARTERIAL SYSTEM OF THE GIRAFFE (*GIRAFFA CAMELOPARDALIS*). *Cell Tissue Res.* 214(1):219-224. Jan. 1981. WR 182
[Dep. Human Anat., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

81-005542 Krasińska, Małgorzata. PROGRESS IN BREEDING EUROPEAN BISON AND DOMESTIC CATTLE HYBRIDS AND CASUISTICS IN CASES OF IMMOBILIZATION AND PASTEURELOSIS IN HYBRIDS. *Acta Theriol.* 24(15):201-210. 1979. In English with Polish summ. WR 182
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Białowieża, Poland]

81-005543 Lenarz, Mark S. and Walt Conley. DEMOGRAPHIC CONSIDERATIONS IN REINTRODUCTION PROGRAMS OF BIGHORN SHEEP. *Acta Theriol.* 25(7):71-80. 1980. In English with Polish summ. WR 182
[Inst. Ecol., Univ. Ga., Athens 30601] *Ovis canadensis*.

81-005544 Martinez-Rica, Juan Pablo. NUEVOS DATOS SOBRE CONDUCTA SOCIAL DEL JABALÍ EN CONDICIONES DE SEMILIBERTAD. [NEW DATA ON THE SOCIAL BEHAVIOUR OF HALF-FREE KEPT WILDBOAR.] *Publ. Cent. Pirenaico Biol. Exp.* No. 12. p. 19-54. 1981. In Spanish with English summ. WR 182
[Cent. Pirenaico Biol. Exp., Apdo. 64, Jaca, Huesca, Spain] *Sus scufa*.

81-005545 Neuman, R. W. THE BUFFALO (*BISON BISON*) IN THE PREHISTORY OF SOUTHEASTERN UNITED STATES. *Proc. La. Acad. Sci.* 43:189. 31 Dec. 1980. Abstract only. WR 182
[La. State Univ., Baton Rouge]

81-005546 Palacios, F.; C. Ibanez and J. Escudero. ALGUNOS DATOS SOBRE LA ALIMENTACION DE LA CABRA MONTES IBERICA (*CAPRA PYRENAICA* SCHINZ, 1838) Y NOTAS SOBRE LA FAUNA DE LA SIERRA DE MONTENEGRETO, TARRAGONA. [SOME DATA ON THE DIET OF THE IBERIAN IBEX (*CAPRA PYRENAICA* SCHINZ 1838) AND NOTES ON THE FAUNA OF THE SIERRA DE MONTENEGRETO, TARRAGONA, SPAIN]. *Bol. Estac. Cent. Ecol.* 7(14):59-66. 1978. From Ecol. Abstr. 1980/5:80L/6636. 1980. In Spanish with English summ. WR 182

81-005547 Palmieri, James R.; Purnomo and Hartmann Ammaun. PARASITES OF THE LESSER ONE-HORNED RHINOCEROS (*RHINOCEROS SONDAICUS* DESMAREST). *J. Parasitol.* 66(6):1031. Dec. 1980. WR 182
[U.S. Naval Med. Res. Unit No. 2, APO San Francisco, CA 96528]

81-005548 Pettifer, H. L. and R. H. Stumpf. AN APPROACH TO THE CALCULATION OF HABITAT PREFERENCE DATA: IMPALA ON LOSKOP DAM NATURE RESERVE. *S. Afr. J. Wildl. Res.* 11(1):5-13. 1981. In English with Afrikaans summ. WR 182
[Transvaal Nat. Conserv. Div., Private Bag X209, Pretoria 0001, South Africa] *Aepyceros melampus* in South Africa.

OTHER UNGULATES (CONTINUED)

81-005549 Petzold, Gisela. METRISCHE UTERSUCHUNGEN ZUR JUGENDENTWICKLUNG AFRIKANISCHER ZWERGZIEGEN IN ZOOLOGISCHEN GÄRTEN. [MORPHOLOGICAL OBSERVATIONS ON THE DEVELOPMENT OF JUVENAL AFRICAN DWARF GOATS IN THE ZOO.] *Milu* 5(1/2):5-20. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005550 Pohle, Claus. DAS WISENTRESERVAT DAMEROWER WERDER. [THE BISON RESERVE--DAMEROWER WERDER.] *Milu* 5(1/2):117-129. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005551 Prescott, Jacques. SUCKLING BEHAVIOR OF LLAMA (*LLAMA GLAMA GLAMA*) AND CHAPMAN'S ZEBRA (*EQUUS BURCHELLI ANTIQUORUM*) IN CAPTIVITY. *Appl. Anim. Ethol.* 7(3):293-299. 1981. WR 182
[Jardin Zool. Québec, Ave. Zoo, Charlesbourg, Québec, G1G 4G4, Canada]

81-005552 Puigdefábregas, Juan. OBSERVACIONES SOBRE LA HOZADURA DEL JABALÍ EN AMBIENTE FORESTAL. [NOTES ON THE ROOTING OF WILDBOAR IN FOREST ENVIRONMENT.] *Publ. Cent. Pirenaico Biol. Exp.* No. 12. p. 7-17. 1981. In Spanish with English summ. WR 182
[Cent. Piranaico Biol. Exp., Apdo. 64, Jaca, Huesca, Spain] *Sus scrofa* in Spain.

81-005553 Pytel, Stanisław and Maria Wojnowska. MORPHOLOGY OF THE PANCREAS IN THE EUROPEAN BISON. *Acta Theriol.* 25(13):141-150. 1980. In English with Polish summ. WR 182
[Inst. Anim. Physiol. Agric. Acad., 02-766 Warsaw, Poland] *Bison bonasus.*

81-005554 Ratti, P. ZUR HEGE DES STEINWILDES IM KANTON GRAUBÜNDEN. [THE CONSERVATION OF THE IBEX IN CANTON GRAUBÜNDEN.] *Z. Jagdwiss* 27(1):41-57. Mar. 1981. In German with French and English summ. WR 182
Capra hircus in Switzerland.

81-005555 Sears, M. MATHEMATICAL MODELS IN ECOLOGY. *S. Afr. J. Sci.* 75(10):429-431. 1979. From Ecol. Abstr. 1980/5:80L/6949. 1980. WR 182
Models used for ungulates in South Africa.

81-005556 Sharma, Indra Kumar. ECOLOGICAL ASPECTS OF HABITAT PREFERENCES, FEEDING, DAILY ACTIVITIES AND NICHE OF THE NILGAI (*BOSELAPHUS TRAGOCAMELUS*). *Tigerpaper* 8(1):21-22. Jan. 1981. WR 182

81-005557 Sharma, Indra Kumar. HABITAT PREFERENCES, FEEDING AND SURVIVAL OF THE BLACKBUCK. *Tigerpaper* 7(4):4-6. Oct. 1980. WR 182
Antelope cervicapra in India.

81-005558 Siegfried, W. R. VIGILANCE AND GROUP SIZE IN SPRINGBOK. *Madoqua* 12(3):151-154. 1980. WR 182
[FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa] *Antidorcas marsupalis* in South West Africa.

OTHER UNGULATES (CONTINUED)

81-005559 Singer, Francis J.; Dale K. Otto; Alan R. Tipton and Charles P. Hable. HOME RANGES, MOVEMENTS, AND HABITAT USE OF EUROPEAN WILD BOAR IN TENNESSEE. *J. Wildl. Manage.* 45(2):343-353. Apr. 1981. WR 182
[Glacier Natl. Park, West Glacier, MT 59936] *Sus scrofa.*

81-005560 Tilton, Mark E. and E. Earl Willard. WINTER FOOD HABITS OF MOUNTAIN SHEEP IN MONTANA. *J. Wildl. Manage.* 45(2):548-552. Apr. 1981. WR 182
[Soil Conserv. Serv., Roseburg, OR 97470] *Ovis canadensis.*

81-005561 Węgrzyn, Mieczysław. VASCULARIZATION OF THE LIVER IN THE EUROPEAN BISON. I. HEPATIC VEINS. *Acta Theriol.* 25(12):131-139. 1980. In English with Polish summ. WR 182
[Inst. Anim. Physiol., Agric. Acad., 03-899 Warsaw, Poland] *Bison bonasus.*

81-005562 Wadsworth, P. F.; D. J. Lewis and D. M. Jones. MEDULLARY CARCINOMA OF THE THYROID IN A MOUFLON (*OVIS MUSIMON*). *J. Comp. Pathol.* 91(2):313-316. Apr. 1981. WR 182
[ICI Pharmaceuticals Div., Mereside Alderley Park, Macclesfield, Cheshire, England]

81-005563 Wirtz, Peter. TERRITORIAL DEFENCE AND TERRITORY TAKE-COVER BY SATELLITE MALES IN THE WATERBUCK *KOBUS ELLIPSIPRYMNUS* (BOVIDAE). *Behav. Ecol. Sociobiol.* 8(2):161-162. Apr. 1981. WR 182
[Max-Planck-Inst. Verhaltensphysiol., D-8131 Seewiesen, West Germany]

PRIMATES

81-005564 Aidara, D.; C. Tahiri-Zagret and C. Robyn. SERUM PROLACTIN CONCENTRATIONS IN MANGABEY (*CERCOCEBUS ATYS LUNULATUS*) AND PATAS (*ERYTHROCEBUS PATAS*) MONKEYS IN RESPONSE TO STRESS, KETAMINE, TRH, SULPIRIDE AND LEVODOPA. *J. Reprod. Fert.* 62(1):165-172. May 1981. WR 182
[Dep. Biol. & Anim. Physiol., Univ. Natl. Côte d'Ivoire, Abidjan, Ivory Coast]

81-005565 Baron, Georg. NICHES ÉCOLOGIQUES ET DÉVELOPPEMENT MORPHOMÉTRIQUE DES CENTRES VISUELS CHEZ LES PRIMATES. [ECOLOGICAL NICHES AND MORPHOMETRIC DEVELOPMENT OF VISUAL CENTERS IN PRIMATES.] *Rev. Can. Biol.* 40(1):85-89. Mar. 1981. In French with English summ. WR 182
[Dep. Sci. Biol., Univ. Montréal, C.P. 6128, Succ. "A", Montréal, Québec, H3C 3J7 Canada]

81-005566 Baskin, Gary B.; James A. Roberts and Robert D. McAfee. INFANTILE POLYCYSTIC RENAL DISEASE IN A RHESUS MONKEY (*MACACA MULATTA*). *Lab. Anim. Sci.* 31(2):181-183. Apr. 1981. WR 182
[Dep. Pathol., Delta Regional Primate Res. Cent., Tulane Univ., Covington, LA 70433]

PRIMATES (CONTINUED)

81-005567 Bielert, C. and J. G. Vandenbergh. SEASONAL INFLUENCES ON BIRTHS AND MALE SEX SKIN COLORATION IN RHESUS MONKEYS (*MACACA MULATTA*) IN THE SOUTHERN HEMISPHERE. *J. Reprod. Fert.* 62(1):229-233. May 1981. WR 182
[Primate Behav. Res. Group, Univ. Witwatersrand, Johannesburg 2001, South Africa]

81-005568 Bishop, Naomi H. LANGURS LIVING AT HIGH ALTITUDES. *J. Bombay Nat. Hist. Soc.* 74(3):518-520. Dec. 1977. WR 182
[Dep. Anthropol., Univ. Mass., Boston 02125] *Presbytis entellus* in Nepal.

81-005569 Bismark. PRELIMINARY SURVEY OF THE PROBOSCIS MONKEY AT TANJUNG PUTING RESERVE KALIMANTAN. *Tigerpaper* 8(1):26. Jan. 1981. WR 182
Nasalis larvatus in Indonesia.

81-005570 Boraski, Edward A. RENAL DISEASE IN PROSIMIANS. *Vet. Pathol.* 18(Suppl. 6):1-5. Apr. 1981. WR 182
[Zool. Soc. San Diego, Box 551, San Diego, CA 92112]

81-005571 Boyce, J. T.; W. E. Giddens, Jr. and R. Seifert. SPONTANEOUS MESANGIOPROLIFERATIVE GLOMERULONEPHRITIS IN PIGTAILED MACAQUES (*MACACA NEMESTRINA*). *Vet. Pathol.* 18(Suppl. 6):82-88. Apr. 1981. WR 182
[Giddens: Regional Primate Res. Cent. SJ-50, Univ. Wash., Seattle 98195]

81-005572 Brack, M. and H. Rothe. CHRONIC TUBULOINTERSTITIAL NEPHRITIS AND WASTING DISEASE IN MARMOSETS (*CALLITHRIX JACCHUS*). *Vet. Pathol.* 18(Suppl. 6):45-54. Apr. 1981. WR 182
[German Primate Cent., Goßlerstraße 19, D-3400 Göttingen, West Germany]

81-005573 Brack, M. RENAL PATHOLOGY IN CAPTIVE BABOONS (*PAPIO CYNOCEPHALUS*). *Vet. Pathol.* 18(Suppl. 6):55-58. Apr. 1981. WR 182
[German Primate Cent., Goßlerstraße 19, D-3400 Göttingen, West Germany]

81-005574 Bramblett, Claud A.; Anthony M. Coelho, Jr. and Glen E. Mott. BEHAVIOR AND SERUM CHOLESTEROL IN A SOCIAL GROUP OF *CERCOPITHECUS AETHIOPS*. *Primates* 22(1):96-102. Jan. 1981. WR 182
[Dep. Anthropol., Univ. Tex., Austin 78712]

81-005575 Burkholder, Peter M. GLOMERULAR DISEASE IN CAPTIVE GALAGOS. *Vet. Pathol.* 18(Suppl. 6):6-22. Apr. 1981. WR 182
[Kidney Dis. Inst., State of N.Y., Dep. Health, Albany] *Galago c. crassicaudatus, G. c. argentatus, G. senegalensis* and *G. demidovii*.

81-005576 Burton, G. J. ON THE PRESENCE OF CORPORA ABERRANTIA IN THE DUSKY LEAF MONKEY (*PRESBYTIS OBSCURA*). *J. Anat.* 132(3):448-449. May 1981. Abstract only. WR 182
[Dep. Anat., Univ. Cambridge, Cambridge, England]

81-005577 Byrd, Kenneth E. SEQUENCES OF DENTAL ONTOGENY AND CALLITRICHID TAXONOMY. *Primates* 22(1):103-118. Jan. 1981. WR 182
[Dep. Biol. Structure & Physiol. & Biophysics, Univ. Wash. School Med.,

PRIMATES (CONTINUED)

81-005577 CONTINUED Seattle 98195] *Callithrix* spp., *Cebuella* spp., *Leontopithecus* spp., *Saguinus* spp. and *Callimico* spp.

81-005578 Caine, Nancy G. and Janet Short. INTRODUCING UNFAMILIAR MONKEYS (*MACACA NEMESTRINA* AND *M. RADIATA*) TO ESTABLISHED SOCIAL GROUPS. *Lab. Primate Newsl.* 20(2):1-4. Apr. 1981. WR 182
[Dep. Psychiatry, Box C268, Univ. Colo. Health Sci. Cent., 4200 E. 9th Ave., Denver 80262] *Macaca nemestrina* and *M. radiata*.

81-005579 Caine, Nancy G.; Chip Caine; Cherilynn Davidson; John Maddock; Valerie Thompson and G. Mitchell. EXTRA-TROOP ORIENTATION IN CAPTIVE MACAQUES. *Biol. Behav.* 6(2):119-128. 1981. In English with French summ. WR 182
[Dep. Psychol., Univ. Calif., Davis 95616] *Macaca radiata* and *M. mulatta*.

81-005580 Candland, Douglas K.; Evan S. Blumer and Michael D. Mumford. URINE AS A COMMUNICATOR IN A NEW WORLD PRIMATE, *SAIMIRI SCIUREUS*. *Anim. Learn. Behav.* 8(3):468-480. Aug. 1980. WR 182
[Bucknell Univ., Lewisburg, PA 17837]

81-005581 Chalifoux, L. V.; R. T. Bronson; P. Sehgal; B. J. Blake and N. W. King. NEPHRITIS AND HEMOLYTIC ANEMIA IN OWL MONKEYS (*AOTUS TRIVIRGATUS*). *Vet. Pathol.* 18(Suppl. 6):23-27. Apr. 1981. WR 182
[New England Regional Primate Res. Cent., One Pine Hill Dr., Southborough, MA 01772]

81-005582 Cheney, Dorothy L. and Robert M. Seyfarth. SELECTIVE FORCES AFFECTING THE PREDATOR ALARM CALLS OF VERVET MONKEYS. *Behaviour* 76(1-2):25-61. 1981. In English with French summ. WR 182
[Field Res. Cent., Rockefeller Univ., Millbrook, NY] *Cercopithecus aethiops* in Kenya.

81-005583 Clemens, E. T. and G. M. O. Maloiy. ORGANIC ACID CONCENTRATIONS AND DIGESTA MOVEMENT IN THE GASTROINTESTINAL TRACT OF THE BUSHBABY (*GALAGO CRASSICAUDATUS*) AND VERVET MONKEY (*CERCOPITHECIDAE PYGERYTHRUS*). *J. Zool. (Lond.)* 193(4):487-497. Apr. 1981. WR 182
[Dep. Vet. Pathol., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

81-005584 Clemens, E. T. and G. M. O. Maloiy. COLONIC ELECTROLYTE FLUX AND GUT COMPOSITION AS SEEN IN FOUR SPECIES OF SUB-HUMAN PRIMATES. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):543-549. 1981. WR 182
[Dep. Vet. Physiol., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya] *Galago crassicaudatus*, *Papio cynocephalus*, *Cercopithecus mitis* and *C. aethiops pygerythrus*.

81-005585 Coelho, Anthony M., Jr. and Claud A. Bramblett. INTEROBSERVER AGREEMENT ON A MOLECULAR ETHOGRAM OF THE GENUS *PAPIO*. *Anim. Behav.* 29(2):443-448. May 1981. WR 182

PRIMATES (CONTINUED)

81-005585 CONTINUED
[Primate Ethol. Lab., Southwest Foundation Res. & Education, San Antonio, TX 78284] *Papio cynocephalus*.

81-005586 Collins, William E. and Peter G. Contacos. INFECTION AND TRANSMISSION STUDIES WITH *PLASMODIUM GONDERI* IN THE *MACACA MULATTA* MONKEY. *J. Parasitol.* 66(6):998-1002. Dec. 1980. WR 182
[Vector Biol. & Control Div., Bur. Trop. Dis., Public Health Serv., U.S. Dep. Health Education & Welfare, Atlanta, GA 30333]

81-005587 Collins, William E.; Jimmie C. Skinner; Bettye B. Richardson and Alan Y. Huong. DEVELOPMENT OF *PLASMODIUM INUI* IN THE *AOTUS TRIVIRGATUS* MONKEY. *J. Parasitol.* 67(2):222-225. Apr. 1981. WR 182
[Cent. Dis. Control, Atlanta, GA 30333]

81-005588 Corruccini, Robert S. ANALYTICAL TECHNIQUES FOR CARTESIAN COORDINATE DATA WITH REFERENCE TO THE RELATIONSHIP BETWEEN *HYLOBATES* AND *SYMPHALANGUS* (HYLOBATIDAE; HOMINOIDEA). *Syst. Zool.* 30(1):32-40. Mar. 1981. WR 182
[Dep. Anthropol., Southern Ill. Univ., Carbondale 62901]

81-005589 Dathe, Rosemarie. FAMILIENÄHNLICHKEITEN BEI DEN SUMATRA-ORANG-UTANS, *PONGO PYGMAEUS ABELI*, IM TIERPARK BERLIN. [FAMILY RESEMBLANCES AMONG SUMATRAN ORANGUTANS *PONGO PYGMAEUS ABELI* IN THE BERLIN ZOO.] *Nilu* 5(1/2):21-36. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005590 De Jonge, Gerrit; Herman Dienske; Elly-Ann van Luxemburg and Louis Ribbens. HOW RHESUS MONKEY INFANTS BUDGET THEIR TIME BETWEEN MOTHERS AND PEERS. *Anim. Behav.* 29(2):598-609. May 1981. WR 182
[Primate Cent. TNO, 151 Lange Kleiweg, Rijswijk, Netherlands] *Macaca mulatta*.

81-005591 Dixson, A. F. and D. Fleming. PARENTAL BEHAVIOUR AND INFANT DEVELOPMENT IN OWL MONKEYS (*AOTUS TRIVIRGATUS GRISEIMEMBRA*). *J. Zool. (Lond.)* 194(1):25-39. May 1981. WR 182
[Wellcome Lab. Comp. Physiol., Inst. Zool., Zool. Soc. Lond., Regent's Park, London, England]

81-005592 Dixson, A. F. and J. S. Gardner. DIURNAL VARIATIONS IN PLASMA TESTOSTERONE IN A MALE NOCTURNAL PRIMATE, THE OWL MONKEY (*AOTUS TRIVIRGATUS*). *J. Reprod. Fert.* 62(1):83-86. May 1981. WR 182
[Inst. Zool., Wellcome Lab. Comp. Physiol., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

81-005593 Dunbar, R. I. M. DETERMINANTS AND EVOLUTIONARY CONSEQUENCES OF DOMINANCE AMONG FEMALE GELADA BABOONS. *Behav. Ecol. Sociobiol.* 7(4):253-265. 1980. WR 182

PRIMATES (CONTINUED)

81-005593 CONTINUED
[Res. Cent., King's Coll., Cambridge, CB2 1ST England] *Theropithecus gelada.*

81-005594 Enomoto, Tomoo. MALE AGGRESSION AND THE SEXUAL BEHAVIOR OF JAPANESE MONKEYS. *Primates* 22(1):15-23. Jan. 1981. WR 182
[Dep. Anat., Tokai Univ. School Med., Bohseidai, Isehara, 259-11 Japan] *Macaca fuscata.*

81-005595 Epple, Gisela. EFFECT OF PAIR-BONDING WITH ADULTS ON THE ONTOGENETIC MANIFESTATION OF AGGRESSIVE BEHAVIOR IN A PRIMATE, *SAGUINUS FUSCICOLLIS. Behav. Ecol. Sociobiol.* 8(2):117-123. Apr. 1981. WR 182
[Monell Chem. Senses Cent., Univ. Pa., Philadelpha 19104]

81-005596 Esslinger, J. H. *TETRAPETALONEMA (T.) SAIMIRI* SP. N. (NEMATODA: FILARIOIDEA) FROM COLOMBIAN SQUIRREL MONKEYS, *SAIMIRI SCIUREUS. J. Parasitol.* 67(2):268-271. Apr. 1981. WR 182
[Tulane Univ. Med. Cent., 1430 Tulane Ave., New Orleans, LA 70112]

81-005597 Ferrell, Thomas L. DOMESTIC BREEDING OF NONHUMAN PRIMATES. *Fla. Sci.* 44(suppl. 1):3. 1981. Abstract only. WR 182
[Perrine Primate Cent., Univ. Miami School Med., Miami, FL 33157]

81-005598 Fischer, Wolfgang. EINIGE ERGÄNZUNGEN ZUR HALTUNG UND ENTWICKLUNG DES SCHOPFGIBBONS, *HYLOBATES (NOMASCUS) CONCOLOR* (HARLAN). [SOME SUPPLEMENTARY MATERIAL ON THE BEHAVIOR AND DEVELOPMENT OF *HYLOBATES (NOMASCUS) CONCOLOR.*] *Milu* 5(1/2):167-193. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005599 Freeland, W. J. MANGABEY (*CERCOCEBUS ALBIGENA*) MOVEMENT PATTERNS IN RELATION TO FOOD AVAILABILITY AND FECAL CONTAMINATION. *Ecology* 61(6):1297-1303. Dec. 1980. WR 182
[Dep. Biol. Sci., Wright State Univ., Dayton, OH 45435]

81-005600 Giddens, W. E., Jr.; J. T. Boyce; G. A. Blakley and W. R. Morton. RENAL DISEASE IN THE PIGTAILED MACAQUE *(MACACA NEMESTRINA). Vet. Pathol.* 18(Suppl. 6):70-81. Apr. 1981. WR 182
[Regional Primate Res. Cent. SJ-50, Univ. Wash., Seattle 98195]

81-005601 Girod, C.; M. P. Dubois and J. Trouillas. IMMUNOHISTOCHEMICAL LOCALIZATION OF FSH AND LH IN THE PARS DISTALIS OF VERVET (*CERCOPITHECUS AETHIOPS*) AND BABOON (*PAPIO HAMADRYAS*) PITUITARIES. *Cell Tissue Res.* 217(2):245-257. May 1981. In English with French summ. WR 182
[Lab. Histol.-Embryol., Fac. Méd. Alexis Carrel, Rue Gillaume Paradin, F-69372 Lyon, France]

81-005602 Gorman, Andrew John III. THERMOREGULATORY AND ARTERIAL BAROREFLEX CONTROL OF HEART RATE IN THE HEAT-STRESSED BABOON. *Ph.D. dissertation, Univ. Tex. Health Sci. Cent. (San Antonio)* 191p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):4019. May 1981. WR 182
Papio sp.

PRIMATES (CONTINUED)

81-005603 Gouzoules, Harold Theodore. BIOSOCIAL DETERMINANTS OF BEHAVIORAL VARIABILITY IN INFANT JAPANESE MONKEYS (*MACACA FUSCATA*). *Ph.D. dissertation, Univ. Wis. (Madison)* 237p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4415. June 1981. WR 182

81-005604 Gucwiński, Antoni. ACCLIMATIZATION OF YOUNG LOWLAND GORILLAS (*GORILLA G. GORILLA*) IN THE WROCLAW ZOOLOGICAL GARDEN DURING YEARS 1970-1978. *Zool. Gart.* 51(1):33-51. 1981. In English. WR 182
[Ogród Zool., ul. Dróblewskiego 1, PL-51-618 WorcŁaw, Poland]

81-005605 Gysin, J.; M. Hommel and L. Pereira da Silva. EXPERIMENTAL INFECTION OF THE SQUIRREL MONKEY (*SAIMIRI SCIUREUS*) WITH *PLASMODIUM FALCIPARUM*. *J. Parasitol.* 66(6):1003-1009. Dec. 1980. WR 182
[Lab. Parasitol., Inst. Pasteur de Guyane, Française, Cayenne]

81-005606 Haimoff, Elliott H. VIDEO ANALYSIS OF SIAMANG (*HYLOBATES SYNDACTYLUS*) SONGS. *Behaviour* 76(1-2):128-151. 1981. In English with French summ. WR 182
[Sub-dep. Veterinary Anat., Univ. Cambridge, Cambridge, England CB2 1QS]

81-005607 Harcourt, Caroline. AN EXAMINATION OF THE FUNCTION OF URINE WASHING IN *GALAGO SENEGALENSIS*. *Z. Tierpsychol.* 55(2):119-128. 1981. In English with German summ. WR 182
[c/o Nomad, P.O. Box 1, Ukunda via Mombasa, Kenya]

81-005608 Harvey, Paul H. and T. H. Clutton-Brock. PRIMATE HOME-RANGE SIZE AND METABOLIC NEEDS. *Behav. Ecol. Sociobiol.* 8(2):151-155. Apr. 1981. WR 182
[School Biol. Sci., Univ. Sussex, Falmer, Brighton, Sussex BN1 9QG, England] *Cercopithecus albogularis kolbi*.

81-005609 Heidel, J. R.; W. E. Giddens, Jr. and J. T. Boyce. RENAL PATHOLOGY OF CATHETERIZED BABOONS (*PAPIO CYNOCEPHALUS*). *Vet. Pathol.* 18(Suppl. 6):59-69. Apr. 1981. WR 182
[Giddens: Regional Primate Res. Cent. SJ-50, Univ. Wash., Seattle 98195]

81-005610 Hutt, Randy; Joseph E. Guajardo and S. S. Kalter. DETECTION OF ANTIBODIES TO *HERPESVIRUS SIMIAE* AND *HERPESVIRUS HOMINIS* IN NONHUMAN PRIMATES. *Lab. Anim. Sci.* 31(2):184-189. Apr. 1981. WR 182
[Kalter: Dep. Microbiol. & Infectious Dis., Southwest Foundation Res. & Educ., P.O. Box 28147, San Antonio, TX 78284] *Macaca* spp.

81-005611 Jones, Clara B. THE EVOLUTION AND SOCIOECOLOGY OF DOMINANCE IN PRIMATE GROUPS: A THEORETICAL FORMULATION, CLASSIFICATION AND ASSESSMENT. *Primates* 22(1):70-83. Jan. 1981. WR 182
[Marshall Foundation, 1406 East Front St., Plainfield, NJ 07062]

81-005612 Jones, S. R. and H. W. Casey. PRIMARY RENAL TUMORS IN NONHUMAN PRIMATES. *Vet. Pathol.* 18(Suppl. 6):89-104. Apr. 1981. WR 182
[Editorial Office, Armed Forces Inst. Pathol. Washington, DC 20306] Data for 7 spp.

PRIMATES (CONTINUED)

81-005613 Kalter, S. S.; R. L. Heberling and J. Field. ISOLATION OF AN ENTEROVIRUS (SV19) FROM BABOONS (*PAPIO CYNOCEPHALUS*). *Lab. Anim. Sci.* 31(2):190-191. Apr. 1981. WR 182
[Dep. Microbiol. & Infectious Dis., Southwest Foundation Res. & Educ., P.O. Box 28147, San Antonio, TX 78284]

81-005614 Khan, Mohammad Ali Reza. THE NON-HUMAN PRIMATES OF BANGLADESH. *Tigerpaper* 8(1):12-15. Jan. 1981. WR 182
Data for 11 spp.

81-005615 Kimura, Kunihiko; Yutaka Takahashi; Masayoshi Konishi and Sotaro Iwamoto. ADDUCTOR MUSCLES OF THE THIGH OF CRAB-EATING MONKEYS (*MACACA FASCICULARIS*). *Primates* 22(1):119-130. Jan. 1981. WR 182
[Dep. Anat., Natl. Defense Med. Coll., 525 Namiki, Tokorozawa, Saitama, 359 Japan]

81-005616 Leger, Daniel W.; William A. Mason and D. Munkenbeck Fragaszy. SEXUAL SEGREATION, CLIQUES, AND SOCIAL POWER IN SQUIRREL MONKEY (*SAIMIRI*) GROUPS. *Behaviour* 76(3-4):163-181. 1981. In English with German summ. WR 182
[Mason: Dep. Psychol., Univ. Calif., Davis 95616] *Saimiri sciureus*.

81-005617 Lucotte, G. COMPARAISON ÉLECTROPHORÉTIQUE ENTRE LES DEUX ESPÈCES DE CHIMPANZÉS. [ELECTROPHORETIC COMPARISON OF TWO CHIMPANZEE SPECIES.] *Ann. Génét.* 24(1):28-31. 1981. In French with English summ. WR 182
[Lab. Enzymol. CNRS, 91190 Gif-sur-Yvette, France] *Pan troglodytes* and *P. paniscus*.

81-005618 Lucotte, Gerard and Jacques Lefebvre. DISTANCES ÉLECTROPHORÉTIQUES ENTRE LES CINQ ESPÈCES DE BABOUINS DU BABOUINS DU GENRE *PAPIO* BASÉES SUR LES MOBILITÉS DES PROTÉINES ET ENZYMES SÉRIQUES. [ELECTROPHORETIC DISTANCES BETWEEN FIVE SPECIES OF BABOONS OF THE GENUS *PAPIO* BASED ON MOBILITIES OF PROTEIN AND SERUM ENZYMES.] *Biochem. Syst. Ecol.* 8(3):317-322. 1980. In French with English summ. WR 182
[Lab. Enzymol. du C.N.R.S., 91190 Gif-sur-Yvette, France]

81-005619 Lucotte, Gerard and Pierre Dubouch. ÉTUDE ÉLECTROPHORÉTIQUE DE L'HYBRIDE EXPÉRIMENTAL ENTRE *PAPIO ANUBIS* ET *P. CYNOCEPHALUS*. [ELECTROPHORETIC STUDY OF AN EXPERIMENTAL HYBRID BETWEEN *PAPIO ANUBIS* AND *P. CYNOCEPHALUS*.] *Biochem. Syst. Ecol.* 8(3):323-327. 1980. In French with English summ. WR 182
[Lab. Enzymol. du C.N.R.S., 91190 Gif-sur-Yvette, France]

81-005620 Maier, Wolfgang. KONSTRUKTIONSMORPHOLOGISCHE UNTERSUCHUNGEN AM GEBIß DER REZENTEN PROSIMIAE (PRIMATES). [FUNCTIONAL MORPHOLOGY INVESTIGATIONS ON THE DENTITION OF RECENT PROSIMIAE (PRIMATES).] *Abh. Senckenberg. Naturforsch. Ges.* 538:1-158. 31 Dec. 1980. In German with English summ. WR 182
[Senckenberg. Anat., Frankfurt/Main, West Germany]

PRIMATES (CONTINUED)

81-005621 Makwana, S. C. and S. Majumdar. FIELD OBSERVATIONS ON THE HANUMAN LANGUR. *J. Bombay Nat. Hist. Soc.* 77(1):125-126. Apr. 1980. WR 182
[Zool. Dep., Univ. Jodhpur, Jodhpur-342001, India] *Presbytis entellus.*

81-005622 Maple, Terry L. and Susan G. Cone. AGED APES AT THE YERKES REGIONAL PRIMATE RESEARCH CENTER. *Lab. Primate Newsl.* 20(2):10-12. Apr. 1981. WR 182
[Yerkes Regional Primate Res. Cent., Emory Univ., Atlanta, GA 30322]

81-005623 Maruhashi, Tamaki. ACTIVITY PATTERNS OF A TROOP OF JAPANESE MONKEYS (*MACACA FUSCATA YAKUI*) ON YAKUSHIMA ISLAND, JAPAN. *Primates* 22(1):1-14. Jan. 1981. WR 182
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi, 484 Japan]

81-005624 Morello, A. M. and R. J. Nicolosi. ELECTROPHORETIC PROFILES OF HIGH DENSITY LIPOPROTEIN SUBCLASSES IN PRIMATES. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(2):291-294. 1981. WR 182
[Nicolosi: Harvard Med. School, New England Regional Primate Res. Cent., One Pine Hill Dr., Southborough, MA 01772] Data for 12 spp.

81-005625 Mukku, V. R.; G. S. R. C. Murty; B. R. Srinath; K. Ramasharma; S. G. Kotagi and N. R. Moudgall. REGULATION OF TESTOSTERONE RHYTHMICITY BY GONADOTROPINS IN BONNET MONKEYS (*MACACA RADIATA*). *Biol. Reprod.* 24(4):814-819. May 1981. WR 182
[Dep. Pharmacol., Univ. Tex. Med. School, Houston 77025]

81-005626 Napier, Prudence Hero. CATALOGUE OF PRIMATES IN THE BRITISH MUSEUM (NATURAL HISTORY) AND ELSEWHERE IN THE BRITISH ISLES. *Br. Mus. (Nat. Hist.) Lond.* x + 203p. 1981. WR 182
[British Mus. (Nat. Hist.), London, England]

81-005627 Overstreet, Robin M. and George W. Meyer. HEMORRHAGIC LESIONS IN STOMACH OF RHESUS MONKEY CAUSED BY A PISCINE ASCARIDOID NEMATODE. *J. Parasitol.* 67(2):226-235. Apr. 1981. WR 182
[Gulf Coast Res. Lab., Ocean Springs, MS 39564] *Macaca mulatta.*

81-005628 Phillips, B. and E. Clemens. NUTRITIONAL IMPLICATIONS OF *AD LIBITUM* VERSUS LIMITED FEEDING IN BABOONS. *Lab. Anim. Sci.* 31(2):192-193. Apr. 1981. WR 182
[Clemens: Dep. Veterinary Sci., Univ. Nebr., Lincoln] *Papio cynocephalus.*

81-005629 Post, David G. ACTIVITY PATTERNS OF YELLOW BABOONS (*PAPIO CYNOCEPHALUS*) IN THE AMBOSELI NATIONAL PARK, KENYA. *Anim. Behav.* 29(2):357-374. May 1981. WR 182
[Dep. Anthropol., Columbia Univ., New York, NY 10027]

81-005630 Rhine, Ramon J.; John S. Hopper; Nancy C. Harvey and Steven C. Bunyak. MEAT-EATING AND POSSIBLE STALKING IN A COLONY GROUP OF *MACACA ARCTOIDES. Lab. Primate Newsl.* 20(2):5-7. Apr. 1981. WR 182
[Dep. Psychol., Univ. Calif., Riverside 92521]

PRIMATES (CONTINUED)

81-005631 Rodgers, W. A. THE DISTRIBUTION AND CONSERVATION STATUS OF COLOBUS MONKEYS IN TANZANIA. *Primates* 22(1):33-45. Jan. 1981. WR 182
[Dep. Zool., Univ. Dar es Salaam, P.O. Box 35064, Dar es Salaam, Tanzania] *Colobus angolensis* and *C. badius gordonorum* in Tanzania.

81-005632 Rosenthal, Mark A. CHIMPANZEE TRIPLETS BORN IN CAPTIVITY. *Primates* 22(1):137-138. Jan. 1981. WR 182
[Lincoln Park Zool. Gardens, 2200 N. Cannon Dr., Chicago, IL 60614] *Pan troglodytes*.

81-005633 Rothstein, Barbara E. and P. Edward Webb. BEHAVIORAL ADAPTATION OF *LEMUR CATTA*, RINGED-TAILED LEMUR, TO A SUB-TROPICAL WINTER CLIMATE. *Fla. Sci.* 44(suppl. 1):4. 1981. Abstract only. WR 182
[Dade County Zool. Parks, Miami, FL]

81-005634 Rylands, Anthony B. PRELIMINARY FIELD OBSERVATIONS ON THE MARMOSET, *CALLITHRIX HUMERALIFER INTERNEDIUS* (HERSHKOVITZ, 1977) AT DARDANELOS, RIO ARIPUANÃ, MATO GROSSO. *Primates* 22(1):46-59. Jan. 1981. WR 182
[Dep. Physiol., Kenneth Craik Lab., Univ. Cambridge, Downing St., Cambridge, England]

81-005635 Sarkar, H. B. Devaraj; S. Murali; D. T. Prasad; B. M. Shekarappa and V. Vijayalakshmi. THE POPULATION AND DISTRIBUTION OF THE SLENDER LORIS *LORIS TARDIGRADUS* IN KARNATAKA STATE. *Tigerpaper* 8(1):7-10. Jan. 1981. WR 182
[Dep. Post. Graduate Studies & Res. Zool., Univ. Mysore, Mansgangotri, Mysore-6, India]

81-005636 Schofield, Susan P. M. and Barry J. Everitt. THE ORGANISATION OF CATECHOLAMINE-CONTAINING NEURONS IN THE BRAIN OF THE RHESUS MONKEY (*MACACA MULATTA*). *J. Anat.* 132(3):391-418. May 1981. WR 182
[Dep. Anat., Univ. Cambridge, Downing St., Cambridge CB2 3DY, England]

81-005637 Schultea, Thomas David. RADIOGRAPHIC EVALUTATION OF APPENDICULAR SKELETAL MATURATION IN THE COMMON MARMOSET (*CALLITHRIX JACCHUS*). *Ph.D. dissertation, Tex. A&M Univ.* 85p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3706. Apr. 1981. WR 182

81-005638 Scollay, Patricia A. and Peter Judge. THE DYNAMICS OF SOCIAL ORGANIZATION IN A POPULATION OF SQUIRREL MONKEYS (*SAIMIRI SCIUREUS*) IN A SEMINATURAL ENVIRONMENT. *Primates* 22(1):60-69. Jan. 1981. WR 182
[Dep. Anthropol., San Diego State Univ., San Diego, CA 92182]

81-005639 Silk, Joan B.; Amy Samuels and Peter S. Rodman. HIERARCHICAL ORGANIZATION OF FEMALE *MACACA RADIATA* IN CAPTIVITY. *Primates* 22(1):84-95. Jan. 1981. WR 182
[Dep. Anthropol., Duke Univ., Durham, NC 27705]

81-005640 Stills, H. F., Jr. and B. C. Bullock. RENAL DISEASE IN SQUIRREL MONKEYS (*SAIMIRI SCIUREUS*). *Vet. Pathol.* 18(Suppl. 6):38-44. Apr. 1981. WR 182
[Dep. Comp. Med., Bowman Gray School Med., Wake Forest Univ., Winston-Salem, NC 27103]

PRIMATES (CONTINUED)

81-005641 Takahashi, Yutaka and Kunihiko Kimura. A CASE OF SUPERNUMERARY MUSCLE BUNDLE "*M. TUBERO-FEMORALIS* FICK" OF THE BICEPS FEMORIS IN A CRAB-EATING MONKEY. *Primates* 22(1):139-141. Jan. 1981. WR 182
[Dep. Anat., Natl. Defense Med. Coll., 525 Namiki, Tokorozawa, Saitama, 359 Japan] *Macaca fascicularis*.

81-005642 Taylor, Meg and M. Yašar Iščan. CHORIONIC GONADATROPHIN PRODUCTION PATTERNS IN PRIMATES. *Fla. Sci.* 44(suppl. 1):3-4. 1981. WR 182
[Fla. Atlantic Univ., Boca Raton 33431]

81-005643 Theron, J. J.; R. Biagio and A. C. Meyer. CIRCADIAN CHANGES IN MICROTUBULES, SYNAPTIC RIBBONS AND SYNAPTIC RIBBON FIELDS IN THE PINEALOCYTES OF THE BABOON (*PAPIO URSINUS*). *Cell Tissue Res.* 217(2):405-413. May 1981. WR 182
[Dep. Physiol., Univ. Pretoria, P.O. Box 2034, Pretoria 0001, South Africa]

81-005644 Tilson, Ronald Lewis. MONOGAMOUS MATING SYSTEMS OF GIBBONS AND LANGURS IN THE MENTAWAI ISLANDS, INDONESIA. *Ph.D. dissertation, Univ. Calif. (Davis)* 130p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4373. June 1981. WR 182

81-005645 Tokura, H.; N. Tanaka; S. Nakagawa and W. Ohsawa. THERMAL AND METABOLIC RESPONSES IN THE JAPANESE MACAQUE, *MACACA FUSCATA* ACCLIMATED TO AN AMBIENT TEMPERATURE OF 5°C. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):591-594. 1981. WR 182
[Lab. Physiol., Dep. Clothing Sci., Nara Women's Univ., Nara 630, Japan]

81-005646 Torres de Assumpção, C. *CEBUS APELLA* AND *BRACHYTELES ARACHNOIDES* (CEBIDAE) AS POTENTIAL POLLINATORS OF *NABEA FISTULIFERA* (EUPHORBIACEAE). *J. Mammal.* 62(2):386-388. 21 May 1981. WR 182
[Zool. Dep., Univ. Edinburgh, Kings Bldg., Edinburgh EH9 3JT, Scotland]

81-005647 Waser, Peter M. and Ted J. Case. MONKEYS AND MATRICES: ON THE COEXISTENCE OF "OMNIVOROUS" FOREST PRIMATES. *Oecologia (Berl.)* 49(1):102-108. May 1981. WR 182
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907] *Pan troglodytes, Cercocebus albigena, C. mitis* and *C. ascanius* in Uganda.

81-005648 Wilson, Mark E. SOCIAL DOMINANCE AND FEMALE REPRODUCTIVE BEHAVIOUR IN RHESUS MONKEYS (*MACACA MULATTA*). *Anim. Behav.* 29(2):472-482. May 1981. WR 182
[Dep. Med., Emory Univ., School Med., 69 Butler St., S.E., Atlanta, GA 30303]

81-005649 Wolfe, Linda D.; Elizabeth H. Peters and William R. Maples. SEXUAL BEHAVIOR OF JAPANESE AND RHESUS MACAQUES. *Fla. Sci.* 44(suppl. 1):4. 1981. Abstract only. WR 182

PRIMATES (CONTINUED)

81-005649 CONTINUED
[Dep. Anthropol., Univ. Fla., Gainesville 32611] *Macaca fuscata* and *M. mulatta*.

81-005650 Wolfe, Linda D. DISPLAY BEHAVIOR OF THREE TROOPS OF JAPANESE MONKEYS (*MACACA FUSCATA*). *Primates* 22(1):24-32. Jan. 1981. WR 182
[Dep. Anthropol., Univ. Fla., Gainesville 32611]

81-005651 Wolfe, Linda D. THE REPRODUCTIVE HISTORY OF A HYBRID FEMALE (*MACACA MULATTA* x *MACACA FUSCATA*). *Primates* 22(1):131-134. Jan. 1981. WR 182
[Dep. Anthropol., Univ. Fla., Gainesville 32611]

81-005652 Young, Orrey P. COPULATION-INTERRUPTING BEHAVIOR BETWEEN FEMALES WITHIN A HOWLER MONKEY TROOP. *Primates* 22(1):135-136. Jan. 1981. WR 182
[Southern Grain Insects Res. Lab., Tifton, GA 31793] *Alouatta palliata* in Panama.

81-005653 Ziegler, T. E.; F. J. Stein; R. F. Sis; M. S. Coleman and J. H. Green. SUPPLEMENTAL FEEDING OF MARMOSET (*CALLITHRIX JACCHUS*) TRIPLETS. *Lab. Anim. Sci.* 31(2):194-195. Apr. 1981. WR 182
[Dep. Veterinary Anat., Coll. Veterinary Med., Tex. A&M Univ., College Station 77843]

OTHER MAMMALS

81-005654 Heffner, Rickye and Henry Heffner. LOCALIZATION OF CLICKS, NOISE BURSTS, AND TONES BY AN INDIAN ELEPHANT. *J. Acoust. Soc. Am.* 69(suppl. 1):S64. 1981. Abstract only. WR 182
[Bureau Child Res., Box 738, Parsons, KS 67357] *Elephas maximus*.

81-005655 Jones, R. C. and M. F. Brosnan. STUDIES OF THE DEFERENT DUCTS FROM THE TESTIS OF THE AFRICAN ELEPHANT, *LOXODONTA AFRICANA*. I. STRUCTURAL DIFFERENTIATION. *J. Anat.* 132(3):371-386. May 1981. WR 182
[Dep. Biol. Sci., Univ. Newcastle, Newcastle, New South Wales 2308, Australia]

81-005656 Mendel, Frank C. USE OF HANDS AND FEET OF TWO-TOED SLOTHS (*CHOLOEPUS HOFFMANNI*) DURING CLIMBING AND TERRESTRIAL LOCOMOTION. *J. Mammal.* 62(2):413-421. 21 May 1981. WR 182
[Dep. Anat. Sci., State Univ. N.Y., Buffalo 14214]

81-005657 Murray, P. F. A UNIQUE JAW MECHANISM IN THE ECHIDNA, *TACHYGLOSSUS ACULEATUS* (MONOTREMATA). *Aust. J. Zool.* 29(1):1-5. 1981. WR 182
[Tasmania Mus. & Art Gallery, G.P.O. Box 1164 M, Hobart, Tasmania 7001, Australia]

OTHER MAMMALS (CONTINUED)

81-005658 Ramsey, Paul R.; David F. Tyler, Jr.; James R. Waddill and Eleanor E. Storrs. BLOOD CHEMISTRY AND NUTRITIONAL BALANCE OF WILD AND CAPTIVE ARMADILLOS (*DASYPUS NOVEMCINCTUS* L.). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):517-521. 1981. WR 182
[Dep. Zool., La. Tech Univ., Ruston 71272]

81-005659 Sinha, M. K. ELEPHANT MIGRATION IN KAZIRANGA. *Tigerpaper* 8(1):16-19. Jan. 1981. WR 182
Elephas maximus in India.

81-005660 Torres, C. N.; H. P. Godinho and B. P. Setchell. FREQUENCY AND DURATION OF THE STAGES OF THE CYCLE OF THE SEMINIFEROUS EPITHELIUM OF THE NINE-BANDED ARMADILLO (*DASYPUS NOVEMCINCTUS*). *J. Reprod. Fert.* 61(2):335-340. Mar. 1981. WR 182
[Dep. Morfol., Inst. Cienc. Biol., UFMG, 30000 Belo Horizonte, Brazil]

BIRDS--GENERAL

81-005661 Anderson, Stanley H.; Herman H. Shugart, Jr. and Thomas M. Smith. VERTICAL AND TEMPORAL HABITAT ULITIZATION WITHIN A BREEDING BIRD COMMUNITY. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 203-216. 1979. From Ecol. Abstr. 1980/5:80L/6736. 1980. WR 182

81-005662 Birkenstein, Lillian R. and Roy E. Tomlinson, compilers. NATIVE NAMES OF MEXICAN BIRDS: CROSS-REFERENCED ENGLISH/SPANISH/SCIENTIFIC. *U.S. Fish Wildl. Serv. Resour. Publ.* 139:v + 159p. May 1981. WR 182
[Tenerías 45, San Miquel de Allende, Guanajuato, Mexico.] "More than 3,000 Mexican names ...[for]... 994 species."

81-005663 Dickson, James G.; Richard N. Connor; Robert R. Fleet; James C. Kroll and Jerome A. Jackson, editors. THE ROLE OF INSECTIVOROUS BIRDS IN FOREST ECOSYSTEMS. PROCEEDINGS OF A SYMPOSIUM; JULY 13 AND 14, 1978, NACOGDOCHES, TEXAS. *Academic Press* 381p. 1979. From Ecol. Abstr. 1980/5:80L/6731. 1980. Available at £15.60. WR 182
Selected papers included in this issue of *Wildlife Review*.

81-005664 Höser, Norbert. 25 JAHRE WINDISCHLEUBAER FELDORNITHOLOGIE - ENTWICKLUNG UND ZIELE. [TWENTY-FIVE YEARS OF WINDISCHLEUBA FIELD ORNITHOLOGY--DEVELOPMENT AND GOALS. 55TH REPORT.] *Beitr. Vogelkd.* 26(5):241-244. 1980. In German. WR 182
[Am Park 1, DDR-7401 Windischleuba, East Germany]

81-005665 Haga, Atle. FORVALTNING AV STORLOM OG FISKEØRN SOM HEKKEFUGL I NÆRINGSFATTIGE INNSJØER. [MANAGEMENT OF THE BLACK-THROATED DIVER AND THE OSPREY AS BREEDING BIRDS IN OLIGOTROPHIC LAKES.] *Fauna (Oslo)* 33(1):10-17. 1980. In Norwegian with English summ. WR 182
[Zool. Inst., Univ. Oslo, Blindern, N-Oslo 3, Norway] *Gavia arctica* and *Pandion haliaetus* in Norway.--Courtesy/Jon Swenson.

BIRDS--GENERAL (CONTINUED)

81-005666 Hounsome, Michael. BIRD LIFE IN THE CITY. *In Nature in Cities: The Natural Environment in the Design and Development of Urban Green Space, Jan C. Laurie, editor. (John Wiley & Sons)* p. 179-201. 1979. From Ecol. Abstr. 1980/5:80L/6737. 1980. WR 182

81-005667 Jackson, Jerome A. INSECTIVOROUS BIRDS AND NORTH AMERICAN FOREST ECOSYSTEMS. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 1-7. 1979. From Ecol. Abstr. 1980/5:80L/6732. 1980. WR 182

81-005668 Jackson, Jerome A. TREE SURFACES AS FORAGING SUBSTRATES FOR INSECTIVOROUS BIRDS. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 69-93. 1979. From Ecol. Abstr. 1980/5:80L/6733. 1980. WR 182

81-005669 Otvos, Imre S. THE EFFECTS OF INSECTIVOROUS BIRD ACTIVITIES IN FOREST ECOSYSTEMS: AN EVALUATION. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 341-374. 1979. From Ecol. Abstr. 1980/5:80L/6635. 1980. WR 182

81-005670 Ritchie, Thomas L. TWO MID-PLEISTOCENE AVIFAUNAS FROM COLEMAN, FLORIDA. *Bull. Fla. State Mus. Biol. Sci.* 26(1):1-36. 22 Dec. 1980. Available at $1.60 from Managing Editor, Bulletin, Fla. State Mus., Univ. Fla., Gainesville 32611. WR 182
Data for 38 spp.

81-005671 Snow, David W. TROPICAL FRUGIVOROUS BIRDS AND THEIR FOOD PLANTS: A WORLD SURVEY. *Biotropica* 13(1):1-14. Mar. 1981. WR 182
[Subdep. Ornithol., British Mus. (Nat. Hist.), Tring, Hertfordshire, England]

BIRDS--TECHNIQUES

81-005672 Baker, Myron Charles. A MUSCLE BIOPSY PROCEDURE FOR USE IN ELECTROPHORETIC STUDIES OF BIRDS. *Auk* 98(2):392-393. Apr. 1981. WR 182
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]
Zonotrichia leucophrys, Spizella arborea and *Junco hyemalis.*

81-005673 Balph, David F. and Martha Hatch Balph. SOME PRACTICAL APPLICATIONS OF BEHAVIORAL PRINCIPLES TO THE TRAPPING OF BIRDS. *N. Am. Bird Bander* 6(1):2-5. Jan.-Mar. 1981. WR 182
[Dep. Wildl. Sci., UMC 52, Utah State Univ., Logan 84322]

81-005674 Brewer, Larry W. A NEW APPARATUS FOR SEPARATING LEAD SHOT FROM WATERFOWL GIZZARD CONTENTS. *J. Wildl. Manage.* 45(2):496-498. Apr. 1981. WR 182
[Wash. Dep. Game, Olympia 98504]

81-005675 Collins, Charles T. and Jonathan L. Atwood. WEIGHING WITH SPRING BALANCES: BIASES AND ERRORS. *N. Am. Bird Bander* 6(1):8-11. Jan.-Mar. 1981. WR 182
[Dep. Biol., Calif. State Univ., Long Beach 90840]

BIRDS--TECHNIQUES (CONTINUED)

81-005676 Engstrom, R. Todd and Frances C. James. PLOT SIZE AS A FACTOR IN WINTER BIRD-POPULATION STUDIES. *Condor* 83(1):34-41. Feb. 1981. WR 182
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306]

81-005677 Graber, Jean W. and Pamela M. Powers. DWARF SUMAC AS WINTER BIRD FOOD. *Am. Midl. Nat.* 105(2):410-412. Apr. 1981. WR 182
[Ill. Nat. Hist. Surv., 172 Natural Resources Bldg., Urbana 61801]

81-005678 Heinemann, Dennis. A RANGE FINDER FOR PELAGIC BIRD CENSUSING. *J. Wildl. Manage.* 45(2):489-493. Apr. 1981. WR 182
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

81-005679 Hensler, Gary L. and James D. Nichols. THE MAYFIELD METHOD OF ESTIMATING NESTING SUCCESS: A MODEL, ESTIMATORS AND SIMULATION RESULTS. *Wilson Bull.* 93(1):42-53. Mar. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811]

81-005680 McNicholl, Martin K. CAUTION NEEDED IN USE OF PLAYBACKS TO CENSUS BIRD POPULATIONS. *Am. Birds* 35(2):235-236. Mar. 1981. WR 182
[Beak Consultants Ltd., 3530 11A St. N.E., Calgary, Alberta T2E 6M7, Canada]

81-005681 Oehme, Hans. SCHMALFILMKINEMATOGRAFIE UND KLEINBILDFOTOGRAFIE BEI DER UNTERSUCHUNG DES VOGELFLUGES. [SMALL FILM CINEMATOGRAPHY AND SMALL PICTURE PHOTOGRAPHY IN THE INVESTIGATION OF BIRD MIGRATION.] *Milu* 5(1/2):133-145. 1980. In German with English summ. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005682 Shields, William M. AVIAN CENSUS TECHNIQUES: AN ANALYTICAL REVIEW. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 23-51. 1979. From Ecol. Abstr. 1980/5:80L/6727. 1980. WR 182

81-005683 Stephens, D. W. THE LOGIC OF RISK-SENSITIVE FORAGING PREFERENCES. *Anim. Behav.* 29(2):628-629. May 1981. WR 182
[Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford OX1 3PS, England] Based on small-bird foraging.

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS

81-005684 Abdulali, Humayun. A CATALOGUE OF THE BIRDS IN THE COLLECTION OF THE BOMBAY NATURAL HISTORY SOCIETY--22. *J. Bombay Nat. Hist. Soc.* 77(1):81-99. Apr. 1980. WR 182
Data for 71 spp.

81-005685 Abdulali, Humayun. A CATALOGUE OF THE BIRDS IN THE COLLECTION OF THE BOMBAY NATURAL HISTORY SOCIETY PARTS 1-17--NON-PASSERIFORMES ERRATA. *J. Bombay Nat. Hist. Soc.* 77(1):145-148. Apr. 1980. WR 182
[75 Abdul Rehman St., Bombay-400 003, India]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005686 Banz, Konrad. EIN BEITRAG ZUR VOGELWELT DER SÜDSLOWAKEI. [ON THE AVIFAUNA OF SOUTHERN SLOVAKIA.] *Milu* 5(1/2):218-233. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany] Annotated list.

81-005687 Berg-Schlosser, Gerhard. DIE VOGELWELT DER STEPPENHÄNGE OBERHALB VEZZAN UND TISS IM VINSCHGAU/SÜDTIROL/ITALIEN. [THE AVIFAUNA OF THE ALPINE SLOPES ABOVE VEZZAN AND TISS IN THE VINSCHGAU OF SOUTH TYROL, ITALY.] *Monticola* 4(49):149-163. 1 May 1981. In German with French, Italian and English summ. WR 182
[Obere Seeleite 6, D-8831 Wörthsee, Krs. Starnberg, West Germany]

81-005688 Borror, Arthur C. BREEDING BIRDS OF THE ISLES OF SHOALS, WITH SPECIAL REFERENCE TO APPLEDORE ISLAND. *N.H. Audubon Annu.* p. 3-8. 1980. WR 182

81-005689 Bourne, W. R. P. and A. C. F. David. NINETEENTH CENTURY BIRD RECORDS FROM TRISTAN DA CUNHA. *Bull. Br. Ornithol. Club* 101(1):247-256. Mar. 1981. WR 182
[Zool. Dep., Aberdeen Univ., Tillydrone Ave., Aberdeen, Scotland]

81-005690 Britton, H. A. EGGS FROM EAST AFRICA IN THE COLLECTION OF THE WESTERN FOUNDATION OF VETEBRATE ZOOLOGY, CALIFORNIA. *Scopus* 4(4):79-83. Dec. 1980. WR 182
[Box 90163, Mombasa, Kenya]

81-005691 Britton, P. L.; H. A. Britton and M. A. C. Coverdale. THE AVIFAUNA OF MRIMA HILL, SOUTH KENYA COAST. *Scopus* 4(4):73-78. Dec. 1980. WR 182
[Box 90163, Mombasa, Kenya]

81-005692 Butcher, Gregory S.; William A. Niering; William J. Barry and Richard H. Goodwin. EQUILIBRIUM BIOGEOGRAPHY AND THE SIZE OF NATURE PRESERVES: AN AVIAN CASE STUDY. *Oecologia (Berl.)* 49(1):29-37. May 1981. WR 182
[Niering: Dep. Botany, Conn. Coll., New London 06320]

81-005693 Child, Peter. BIRDLIFE OF AITUTAKI, COOK ISLANDS. *Notornis* 28(1):29-33. Mar. 1981. WR 182
[10 Royal Terrace, Alexandra, New Zealand]

81-005694 Child, Peter. SOME RAROTONGA BIRD NOTES. *Notornis* 28(1):84-85. Mar. 1981. WR 182
[10 Royal Terrace, Alexandra, New Zealand]

81-005695 Clout, M. N. COMPARISONS OF BIRD POPULATIONS IN EXOTIC PLANTATIONS AND NATIVE FOREST. *N.Z. J. Ecol.* 3:159-160. 1980. Abstract only. WR 182
[Ecol. Div., DSIR, Nelson, New Zealand]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005696 Cooper, R. M. FURTHER COMMENTS CONCERNING THE INTERIM LIST OF AUSTRALIAN SONGBIRDS. *Aust. Birds* 15(3):40-42. Mar. 1981. WR 182
[2 Rofe Crescent, Hornsby Heights, New South Wales 2122, Australia]

81-005697 Dathe, Heinrich and Wolfgang Fischer. BEITRÄGE ZUR ORNITHOLOGIE KUBAS--FORSETZUNG. [CONTRIBUTION TO CUBAN ORNITHOLOGY--CONTINUATION.] *Beitr. Vogelkd.* 27(2):100-122. 1981. In German. WR 182
[Am. Tierpark 125, DDR-1136 Berlin, East Germany] Annotated list.

81-005698 Debout, G. LES OISEAUX NICHEURS DES ÎLES ANGLO-NORMANDES. [THE BREEDING BIRDS OF THE CHANNEL ISLANDS.] *Cormoran* 4(2):74-75. 1979. In French with English summ. WR 182
[Parc St. Gilles, 73-75 Ave. G. Clémenceau, 14000 Caen, France]

81-005699 Demartis, Attilio Mocci. QUELQUES FRÉQUENCES RELATIVES D'OISEAUX EN ESPAGNE. [SOME RELATIVE FREQUENCIES OF BIRDS IN SPAIN.] *Alauda* 48(2-3):131-138. Sept. 1980. In French with Italian, Spanish and English summ. WR 182
[Ist. Zool., Viale Poetto 1, 09100 Cagliari, Italy] Data for 58 spp.

81-005700 Deubbert, Harold F. BREEDING BIRDS ON WATERFOWL PRODUCTION AREAS IN NORTHEASTERN NORTH DAKOTA. *Prairie Nat.* 13(1):19-22. Mar. 1981. WR 182
[U.S. Fish & Wildl. Serv., Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401]

81-005701 Duncan, Robert A. SOME NOTEWORTHY CHANGES IN THE BIRDLIFE OF NORTHWESTERN FLORIDA (1965-1979). *Fla. Field Nat.* 9(2):21-27. May 1981. WR 182
[614 Fairpoint Dr., Gulf Breeze, FL 32561]

81-005702 Eidam, Ulrich and Gabriele Hein. ORNITHOLOGISCHE EINDRÜCKE EINER SPANIEN-RUNDFAHRT IM FRÜHJAHR 1979. [ORNITHOLOGICAL IMPRESSIONS FROM A SPANISH CIRCULAR TOUR DURING SPRING 1979.] *Luscinia* 44(1/2):95-114. 1979. In German. WR 182
[Feuerbachstraße 38, 6000 Frankfurt/Main 1, West Germany]

81-005703 Faanes, Craig A. BIRDS OF THE ST. CROIX RIVER VALLEY: MINNESOTA AND WISCONSIN. *N. Am. Fauna* No. 73. 196p. 1981. WR 182
[Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401]

81-005704 Feare, Christopher J. ECOLOGICAL OBSERVATIONS ON AFRICAN BANKS, AMIRANTES. *Atoll Res. Bull.* 227:1-7. 1979. From Ecol. Abstr. 1980/5:80L/6889. 1980. WR 182
Ornithological observations.

81-005705 Fitzharris, Tim. BIRDWATCHERS' PARADISE IN SOUTHERN ALBERTA. *Can. Geogr. J.* 100(1):20-25. 1980. From Ecol. Abstr. 1980/6:80L/8321. 1980. WR 182

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005706 Forster, Richard. BIRDING NEWBURYPORT HARBOR AND THE SALISBURY BEACH STATE RESERVATION. *Bird Observer East. Mass.* 9(1):5-9. Feb. 1981. WR 182

81-005707 Freeman, M. L.; N. J. Braddock and S. R. Hamre. GORHAM PRAIRIE BIRD STUDY. *Proc. N.D. Acad. Sci.* 35:47. Apr. 1981. Abstract only. WR 182
[Dep. Biol., Dickinson State Coll., Dickinson, ND 58601]

81-005708 Frieling, Fritz; Norbert Höser and Rainer Steinbach. 25 JAHRE BEOBACHTUNGSGEMEINSCHAFT WINDISCHLEUBAER STAUSEE. [TWENTY-FIVE YEARS OF WINDISCHLEUBA ... 56TH REPORT.] *Beitr. Vogelkd.* 26(5):245-248. 1980. In German. WR 182
[Nr. 29, DDR-7231 Rüdigsdorf, East Germany]

81-005709 Górska, Ewa and Wojciech Górski. ZIMOWANIE PTAKÓW W POZNANIU. [BIRDS WINTERING IN POZNAŃ.] *Acta Ornithol. (Warsaw)* 17(19):271-296. 30 Sept. 1980. In Polish with Russian and English summ. WR 182
[Władysława IV 11/8, 76-200 Słupsk, Poland]

81-005710 Gaston, A. J. and J. Mackrell. GREEN MUNIA (*ESTRILDA FORMOSA*) AT DELHI, AND OTHER INTERESTING RECORDS FOR 1978. *J. Bombay Nat. Hist. Soc.* 77(1):144-145. Apr. 1980. WR 182
[c/o Oxford Univ. Press, 2/11 Ansari Rd., Ganj, Delhi 110 002, India]
Cacomantis merulinus, Estrilda amandava, Lonchura punctulata and *Saxicola ferrea.*

81-005711 Gole, Prakash. A MARCH BIRD COUNT IN POONA. *J. Bombay Nat. Hist. Soc.* 77(1):49-55. Apr. 1980. WR 182
[277 Sindh Housing Soc., Poona-411007 (M.S.), India]

81-005712 Gosper, D. G. SURVEY OF BIRDS ON FLOODPLAIN-ESTUARINE WETLANDS ON THE HUNTER AND RICHMOND RIVERS IN NORTHERN N.S.W. *Corella* 5(1):1-18. Mar. 1981. WR 182
[15 Arthur St., Casino, New South Wales 2470, Australia]

81-005713 Gray, P. A. BALD EAGLES, HERONS AND OSPREYS IN WEST PATRICIA. *Ont. Fish Wildl.* 19(1):3-6. 1980. WR 182
Haliaeetus leucocephalus, Pandion haliaetus and *Ardea herodias* in Canada.

81-005714 Grenmyr, Urban and Jan Axel Sundin. FÅGELFAUNAN VID VÄSTERBOTTENSKUSTEN--FÖRÄNDRINGAR SEDAN 1930-TALET. [THE BIRD FAUNA OF THE VÄSTERBOTTEN COAST--CHANGES SINCE THE 1930's.] *Vår Fågelvärld* 40(2):91-104. 1981. In Swedish with English summ. WR 182
[Stagårdsvägen 17, 821 00 Bollnäs, Sweden]

81-005715 Haensel, Joachim. ORNITHOLOGISCHE EINDRÜCKE WÄHREND EINES WEITEREN STUDIENAUFENTHALTS IN ÄGYPTEN IM HERBST UND FRÜHWINTER 1972. [ORNITHOLOGICAL IMPRESSIONS DURING A FURTHER STUDY IN EGYPT DURING FALL AND EARLY WINTER 1972.] *Beitr. Vogelkd.* 26(1):19-20. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005716 Haila, Yrjö; Olli Järvinen and Risto A. Väisänen. HABITAT DISTRIBUTION AND SPECIES ASSOCIATIONS OF LAND BIRD POPULATIONS ON THE ÅLAND ISLANDS, SW FINLAND. *Ann. Zool. Fenn.* 17(2):87-106. 1980. WR 182
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

81-005717 Heinricher, Alois and Franz Niederwolfsgruber. ZUR VOGELWELT OSTTIROLS. [ON THE AVIFAUNA OF EAST TYROL.] *Monticola* 4(48):129-146. 15 Dec. 1980. In German with French and Italian summ. WR 182
[Roter-Turm-Weg 1, A-9900 Lienz, Austria]

81-005718 Henderson, Carrol L. BREEDING BIRDS IN MINNESOTA, 1975-1979: ABUNDANCE, DISTRIBUTION, & DIVERSITY. *Loon* 53(1):11-49. 1981. WR 182

81-005719 Holmgren, Mark. WOOD DUCK AND VERMILION FLYCATCHER IN FAR WESTERN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(2):13-14. June 1981. WR 182
[Sect. Birds, Carnegie Mus. Nat. Hist., 4400 Forbes Ave., Pittsburgh, PA 15213] *Pyrocephalus rubinus* and *Aix sponsa*.

81-005720 Järvinen, Olli and Risto A. Väisänen. QUANTITATIVE BIOGEOGRAPHY OF FINNISH LAND BIRDS AS COMPARED WITH REGIONALITY IN OTHER TAXA. *Ann. Zool. Fenn.* 17(2):67-85. 1980. WR 182
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

81-005721 Kepler, Cameron B. and Angela K. Kepler. THE BIRDS OF MOLOKINI ISLAND, MAUI. *'Elepaio* 40(11):147-151. May 1980. WR 182
[Patuxent Wildl. Res. Cent., Maui Field Stn., 248 Kaweo Pl., Kula, HI 96790]

81-005722 Klein, Willi. DIE VOGELBESTÄNDE AUF EINER INTENSIV LANDWIRTSCHAFTLICH GENUTZTEN FLÄCHE IN DER SÜDÖSTLICHEN WETTERAU 1976-1978/79. [THE STATUS OF BIRDS ON AN INTENSIVELY EXPLOITED AGRICULTURAL AREA IN SOUTHEASTERN WETTERAU DURING 1976-1978/79.] *Luscinia* 44(1/2):41-88. 1979. In German. WR 182
[Max-Planck-Straße 9, 6450 Hanau, West Germany]

81-005723 Kummer, Johannes. ORNITHOLOGISCHE BEOBACHTUNGEN IN DER ÄGÄIS. [ORNITHOLOGICAL OBSERVATIONS IN THE AEGEAN.] *Beitr. Vogelkd.* 27(2):57-69. 1981. In German. WR 182
[Wahrburgerstraße 88, DDR-3500 Stendal, East Germany]

81-005724 Lambert, Kurt. BEITRÄGE ZUR VOGELWELT DER KAPVERDISCHEN INSELN. [CONTRIBUTIONS TO THE BIRD FAUNA OF THE CAPE VERDE ISLANDS.] *Beitr. Vogelkd.* 26(1):1-18. 1980. In German with English summ. WR 182
[Kubastraße 35, DDR-2520 Rostock 22, East Germany]

81-005725 Lang, B. ÉTUDE DE L'AVIFAUNE DE DEUX COMMUNES DU PRÉ-BOCAGE AVANT REMEMBREMENT. [A STUDY OF THE BIRD COMMUNITY OF TWO PARISHES OF PRÉ-BOCAGE.] *Cormoran* 4(2):95-100. 1979. In French

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005725 CONTINUED with English summ. WR 182
[39 Blvd. Général Vanier, 14000 Caen, France]

81-005726 Luniak, Maciej. BIRDS OF ALLOTMENT GARDENS IN WARSAW. *Acta Ornithol. (Warsaw)* 17(20):297-320. 30 Sept. 1980. In English with Polish and Russian summ. WR 182
[Inst. Zool., Polish Acad Sci., Wilcza 64, 00-679 Warsaw, Poland]

81-005727 Madge, Steve C. BIRDING IN NORTH YEMEN. *Dutch Birding* 3(1):29-31. Mar. 1981. In English. WR 182
[1 Claudle Hill, Fairburn, Knottingley, West Yorkshire WF11 9JQ, England]

81-005728 Mann, Clive F. NOTES ON THE AVIFAUNAS OF THE KAKAMEGA AND THE NANDI FORESTS. *Scopus* 4(4):97-99. Dec. 1980. WR 182
[123 Hartswood Rd., London W12 9NG, England]

81-005729 Marchant, S. THE BREEDING SEASON AT MORUYA, NEW SOUTH WALES. *Corella* 5(1):19-25. Mar. 1981. WR 182
[Box 123, Moruya, New South Wales 2537, Australia] Breeding birds for period 1975-1978.

81-005730 Meanley, Brooke. A SECOND BREEDING BIRD CENSUS IN THE DISMAL SWAMP. *Raven* 50(2):34-35. June 1979. WR 182
[P.O. Box 87, Fishersville, VA 22939] Tally: 39 spp.

81-005731 Montgomery, Steve L.; Wayne C. Gagné and Betsy H. Gagné. NOTES ON BIRDLIFE AND NATURE CONSERVATION IN THE MARQUESAS AND SOCIETY ISLANDS. *'Elepaio* 40(11):152-155. May 1980. WR 182
[Entomol. Dep., Univ. Hawaii, 3050 Maile Way, Honolulu 96822]

81-005732 Moore, James L. NORFOLK ISLAND NOTES 1971 TO 1980. *Notornis* 28(1):50-56. Mar. 1981. WR 182
[32 Brook St., Lower Hutt, New Zealand] Annotated list.

81-005733 Morioka, Hiroyuki and Takaharu Sakane. NOTES ON THE BIRDS OF KHUMBAKARNA HIMAL, EASTERN NEPAL. *Tori* 29(4):129-146. Mar. 1981. In English. WR 182
[Dep. Zool., Natl. Sci. Mus., Shinjuku-ku, Tokyo 160, Japan]

81-005734 Norton, Robert L. ADDITIONAL RECORDS AND NOTES OF BIRDS IN THE VIRGIN ISLANDS. *Am. Birds* 35(2):144-147. Mar. 1981. WR 182
[P.O. Cruz Bay, St. John, VI 00830]

81-005735 OAG Münster. ZUR BEWERTUNG DES EUROPARESERVATS „RIESELFELDER MÜNSTER" ALS VOGELBRUTGEBIET. [ON THE ESTIMATION OF BREEDING BIRD HABITAT FOR "RIESELFELDER MÜNSTER".] *Vogelwelt* 102(2):67-68. 1981. In German with English summ. WR 182
[Biol. Stn. Rieselfelder Coermühle 181, D-4400 Münster, West Germany]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005736 Oeser, Rudolf. ÜBER ZWEI TOTFUNDE VON VÖGELN MIT SPÄRLICHEM AUFTRETEN IM ERZGEBIRGE. [THE FINDING OF TWO DEAD BIRDS RARELY OCCURRING IN ERZGEBIRGE.] *Beitr. Vogelkd.* 26(1):60-61. 1980. In German. WR 182
[Schulstraße 84, DDR-9443 Raschau/Erzgeb., East Germany] *Caprimulgus europaeus* and *Gallinula chloropus*.

81-005737 Ortego, Brent; Julian L. Dusi; D. Mark Brown and Dan Combs. BIRDS OF EUFAULA NATIONAL WILDLIFE REFUGE, 1967-79. *Oriole* 44(4):61-87. Dec. 1979. WR 182
[Dep. Zool. Entomol., Auburn Univ., Auburn, AL 36830]

81-005738 Owen-Smith, Norman. A QUANTITATIVE ASSESSMENT OF THE AVIFAUNA OF THE UMFOLOZI THORN SAVANNA. *Lammergeyer* No. 30. p. 49-60. Oct. 1980. WR 182
[Dep. Botany & Microbiol., Univ. Witwatersrand, 1 Jan Smuts Ave., Johannesburg, 2001 South Africa]

81-005739 Pfannmuller, Lee A. and Douglas G. Wells. MINNESOTA NATURAL HERITAGE PROGRAM, BREEDING BIRD ELEMENTS. *Loon* 53(1):5-8. 1981. WR 182
[Minn. Dep. Nat. Resour., Box 11, Centennial Office Bldg., St. Paul 55155]

81-005740 Raffaele, Herbert A. NEW RECORDS OF BIRD SPECIES FOR PUERTO RICO AND ONE FOR THE WEST INDIES. *Am. Birds* 35(2):142-143. Mar. 1981. WR 182
[Dep. Ecol. & Evol., State Univ. N.Y., Stony Brook 11794] "Notes on nine species unrecorded in the past.

81-005741 Renaud, Wayne E.; W. Gavin Johnston and Kerwin J. Finley. THE AVIFAUNA OF THE POND INLET REGION, N.W.T. *Am. Birds* 35(2):119-129. Mar. 1981. WR 182
[LGL Ltd., 44 Eglinton Ave. W., Toronto, Ontario M4R 1A1, Canada] Data for 53 spp.

81-005742 Rice, Jake; Bertin W. Anderson and Robert D. Ohmart. SEASONAL HABITAT SELECTION BY BIRDS IN THE LOWER COLORADO RIVER VALLEY. *Ecology* 61(6):1402-1411. Dec. 1980. WR 182
[Dep. Biol., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada]

81-005743 Richards, Tudor. A BRIEF HISTORY OF NEW HAMPSHIRE'S COASTAL BIRD LIFE. *N.H. Audubon Annu.* p. 13-21. 1980. WR 182

81-005744 Roberts, T. J. BIRD NOTES FROM BALUCHISTAN PROVINCE PAKISTAN. *J. Bombay Nat. Hist. Soc.* 77(1):12-20. Apr. 1980. WR 182
[P.O. Box 3311, Malir City Post Office, Karachi-23, Pakistan]

81-005745 Rodebrand, Staffan. NATTFÅGELINVENTERINGEN 1979. [THE CENSUS OF NOCTURNAL BIRDS ON ÖLAND IN 1979.] *Calidris* 1979(4):319-323. 1979. From Ecol. Abstr. 1980/5:80L/6883. 1980. In Swedish with English summ. WR 182
Data for 9 spp.

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005746 Rodebrand, Staffan. HÄCKFAGELFAUNAN I EN ÖLÄNDSK KUSTÄDELLÖVSKOG. [A BREEDING BIRD CENSUS IN A DECIDUOUS FOREST ON WESTERN ÖLAND, SE SWEDEN.] *Calidris* 1979(4):255-262. 1979. From Ecol. Abstr. 1980/5:80L/6882. 1980. In Swedish with English summ. WR 182

81-005747 Sæther, Bernt-Erik. THE COMPOSITION OF THE BIRD COMMUNITY IN A GREY ALDER FOREST IN CENTRAL NORWAY DURING A FOUR-YEAR PERIOD. *Fauna Norv. Ser. C Cinclus* 3(2):80-83. 1980. In English with Norwegian summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] Courtesy/Jon Swenson.

81-005748 Sato, Tsukini and Tadashi Fujii. [BIRDS OF THE OSEGAWA BASIN.] *In The Yasaka Gorge: Landscape and Environment, H. Ishida and others, editors. (Joint Scientific Committee for Research into the Yasaka Gorge Scenic Reserve, Dep. Geogr., Univ. Hiroshima)* p. 563-597. 1979. From Ecol. Abstr. 1980/6:80L/8334. 1980. In Japanese with English summ. WR 182

81-005749 Schuchmann, Karl-L. ZUR AVIFAUNA VON GUADELOUPE, W. I. [ON THE AVIFAUNA OF GUADELOUPE.] *Vogelwelt* 102(1):15-27. 1981. In German with English summ. WR 182
[Zool. Forschunginst. & Mus. A. Koenig, Adenaueralle 150-164, 5300 Bonn 1, West Germany]

81-005750 Stelter, Lavern H. RIPARIAN BIRDS OF PICEANCE CREEK BASIN, COLORADO AND A NEW METHOD OF EXPRESSING BIRD CENSUS DATA. *CFO (Colo. Field Ornithol.) J.* 13(3):64-70. 1979. WR 182
[Dep. Fish & Wildl. Biol., Colo. State Univ., Fort Collins 80523]

81-005751 Steva, Shelley. BIRD LIST OF THE THIEF RIVER FALLS SEWAGE LAGOONS. *Loon* 53(1):8-10. 1981. WR 182
[Rt. 4, Box 10, Thief River Falls, MN 56701]

81-005752 Strickland, M. J. and J. C. Jenner. A REPORT ON THE BIRDS OF ADDU ATOLL (MALDIVE ISLANDS). *J. Bombay Nat. Hist. Soc.* 74(3):487-500. Dec. 1977. WR 182
[The College, Crown, Nr. Prase, Camborne, Cornwell, England]

81-005753 Thomas, Roger. SOME ARNHEM LAND NOTES; JULY 1980. *Aust. Bird Watcher* 8(8):249-251. Dec. 1980. WR 182
[Linton, Victoria, Australia]

81-005754 U.S. Fish and Wildlife Service. BIRDS OF CEDAR ISLAND NATIONAL WILDLIFE REFUGE. *U.S. Fish Wildl. Serv.* 1 folded sheet (8p.). 1980. From Monthly Catalog of U.S. Government Publications 81-2657. Mar. 1981. WR 182

81-005755 Ulbricht, Joachim. VORKOMMEN DER SEETAUCHER (GAVIIDAE) UND DES KORMORANS (*PHALACROCORAX CARBO*) IM MITTLEREN OBERELBE-RÖDER-GEBIET. [OCCURRENCE OF GAVIIDAE AND CORMORANT *PHALACROCORAX CARBO* IN OBERELBE-RÖDER REGION.] *Beitr. Vogelkd.* 26(1):33-48. 1980. In German. WR 182
[August-Bebel-Straße 4, DDR-8106 Radeburg, East Germany]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

81-005756 Viers, C. E. A 10-YEAR STUDY OF THE WINTER BIRD POPULATION OF A MIXED PINE-DECIDUOUS FOREST. *Proc. La. Acad. Sci.* 43:185. 31 Dec. 1980. Abstract only. WR 182
[Northwestern State Univ., Natchitoches, LA 71457]

81-005757 Vietinghoff-Scheel, Erika V. DANIEL GOTTLIEB MESSERSCHMIDTS BEITRAG ZUR ERFORSCHUNG DER SIBIRISCHEN VOGELWELT (1720-1727). [DANIEL GOTTLIEB MESSERSCHMIDTS' REPORT ON THE INVESTIGATION OF SIBERIAN AVIFAUNA (1720-1727).] *Milu* 5(1/2):319-327. 1980. In German. WR 182
[Kissingenstraße 37, DDR-1100 Berlin, East Germany]

81-005758 Vietinghoff-Scheel, Erika v. ERGÄNZUNG ZUM "ATLAS DER VERBREITUNG PALAEARKTISCHER VÖGEL" 3. LIEFERUNG (1971). 2. MITTEILUNG: *OENANTHE ISABELLINA* (TEMMINCK). [SUPPLEMENT TO "ATLAS ... VÖGEL. 3RD PART (1971). 2ND REPORT: *OENANTHE ISABELLINA* (TEMMINCK).] *Beitr. Vogelkd.* 26(1):49-50. 1980. In German. WR 182
[Invalidenstraße 43, DDR-1040 Berlin, East Germany]

81-005759 Watson, Donald. BIRDWATCHING IN GALLOWAY. *Scott. Birds* 11(6):188-193. 1981. WR 182
[54 Main St., St. John's Town of Dalry by Castle Douglas, Kirkcudbrightshire, DG7 3UW Scotland] "To be concluded."

81-005760 Watts, C. Robert and Larry C. Eichhorn. CHANGES IN THE BIRDS OF CENTRAL MONTANA. *Proc. Mont. Acad. Sci.* 40:31-40. 1981. WR 182
[Mont. Dep. Fish, Wildl. & Parks, Lewistown 59457] Abstract: This paper compares a 1903 list and a contemporary list of the birds of central Montana. Relatively few significant changes are apparent. Some grassland birds apparently decreased any many water-related birds increased.

81-005761 Waugh, J. A BIRD COUNT ON THE MURRUMBIDGEE RIVER. *Aust. Birds* 15(3):44-46. Mar. 1981. WR 182
[33 Cecil St., Caringbah, New South Wales 2229, Australia]

81-005762 Wells, Douglas; Bertin W. Anderson and Robert D. Ohmart. COMPARATIVE AVIAN USE OF SOUTHWESTERN CITRUS ORCHARDS AND RIPARIAN COMMUNITIES. *Ariz.-Nev. Acad. Sci. J.* 14(1):53-58. 1979. From Ecol. Abstr. 1980/6:80L/8240. WR 182

81-005763 Winterbottom, J. M. THE AVIFAUNAS OF THREE NATIONAL PARKS IN SOUTHERN AFRICA. *Bokmakierie* 32(4):115-116. Dec. 1980. WR 182
[9 Alexandra Ave., Oranjezicht, Cape Town 8001, South Africa]

BIRDS--MORPHOLOGY AND PHYSIOLOGY

81-005764 Andersson, Malte and R. Åke Norberg. EVOLUTION OF REVERSED SEXUAL SIZE DIMORPHISM AND ROLE PARTITIONING AMONG PREDATORY BIRDS, WITH A SIZE SCALING OF FLIGHT PERFORMANCE. *Biol. J. Linn. Soc.* 15(2):105-130. Mar. 1981. WR 182
[Dep. Zool., Univ. Gothenburg, Box 25059, 40031 Gothenburg, Sweden] "Raptors, owls and skuas."

BIRDS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-005765 Aschoff, Jürgen. DER TAGESGANG DER KÖRPERTEMPERATUR VON VÖGELN ALS FUNKTION DES KÖRPERGEWICHTES. [THE 24-H-RHYTHM OF BODY TEMPERATURE IN BIRDS AS A FUNCTION OF BODY WEIGHT.] *J. Ornithol.* 122(2):129-151. Apr. 1981. In German with English summ. WR 182
[Max-Planck-Inst. Verhaltensphysiol., D-8138 Erling-Andechs, West Germany]

81-005766 Bannasch, Rudolf. STUDIE ZUR FLUGMUSKULATUR DER VÖGEL: UNTERSUCHUNGEN AM MUSCULUS PECTORALIS. [STUDY OF THE FLIGHT MUSCULATURE OF BIRDS: INVESTIGATIONS OF MUSCULUS PECTORALIS.] *Milu* 5(1/2):57-68. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005767 Board, R. G. and G. Love. MAGNESIUM DISTRIBUTION IN AVIAN EGGSHELLS. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):667-672. 1980. WR 182
[Schools Biol. Sci. & Materials Sci., Univ. Bath, Claverton Down, Bath BA2 7AY, Avon, England]

81-005768 Boggs, Dona Fawcett. RESPIRATORY ADAPTATIONS OF A BURROW-DWELLING BIRD TO HYPOXIA AND HYPERCARBIA. *Ph.D. dissertation, Univ. Mont.* 85p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):4031. May 1981. WR 182
Athene cunicularia and *Colinus virginianus*.

81-005769 Contreras, Julio R. and Yolanda E. Davies. APORTES PARA EL CONOCIMIENTO DEL PESO DE LAS AVES ARGENTINAS. I. NOTA: FAMILIA FURNARIIDAE, TYRANNIDAE, PHYTOTOMIDAE, RHINOCRYPTIDAE Y FRINGILIDAE. [CONTRIBUTION TO THE KNOWLEDGE OF THE WEIGHT OF ARGENTINE BIRDS. I. FAMILIES FURNARIIDAE, TYRANNIDAE, PHYTOTOMIDAE, RHINOCRYPTIDAE AND FRINGILLIDAE.] *Rev. Asoc. Cienc. Nat. Litoral* 11:21-29. 1980. In Spanish with English summ. WR 182
[Hist. Nat., Casilla de Correos 26, 3400 Corrientes, Argentina]

81-005770 Größler, Kurt. FEDER-STUDIEN. [FEATHER STUDIES.] *Beitr. Vogelkd.* 27(1):12-34. 1981. In German. WR 182
[Perthesstraße 5, DDR-7010 Leipzig, East Germany]

81-005771 Gee, George F.; James W. Carpenter and Gary L. Hensler. SPECIES DIFFERENCES IN HEMATOLOGICAL VALUES OF CAPTIVE CRANES, GEESE, RAPTORS, AND QUAIL. *J. Wildl. Manage.* 45(2):463-483. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] Information on 12 spp.

81-005772 Greenberg, Russell. DISSIMILAR BILL SHAPES IN NEW WORLD TROPICAL VERSUS TEMPERATE FOREST FOLIAGE-GLEANING BIRDS. *Oecologia (Berl.)* 49(2):143-147. May 1981. WR 182
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

81-005773 Iwanaga, T.; J. Yamada; T. Yamashita and M. Misu. INTRANUCLEAR FILAMENTOUS INCLUSIONS IN THE GASTRO-ENTERO-PANCREATIC (GEP) ENDOCRINE CELLS OF BIRDS. *Cell Tissue Res.* 217(2):283-288. May 1981. WR 182
[Dep. Anat., Niigata Univ. School Med., Asahimachi 1, Niigata 951, Japan] *Coturnix coturnix japonica*, *Columba livia*, *Larus crassirostris* and *Milvus migrans*.

BIRDS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

81-005774 Karr, James R.; Mary F. Willson and D. J. Moriarty. WEIGHTS OF SOME CENTRAL AMERICAN BIRDS. *Brenesia* 14/15:249-257. 1978. WR 182
[Dep. Ecol., Ethol. & Evol., Univ. Ill., Champaign 61820]

81-005775 Korpela, Jukka K.; Heikki A. Elo and Pentti J. Tuohimaa. AVIDIN INDUCTION BY ESTROGEN AND PROGESTERONE IN THE IMMATURE OVIDUCT OF CHICKEN, JAPANESE QUAIL, DUCK, AND GULL. *Gen. Comp. Endocrinol.* 44(2):230-232. June 1981. WR 182
[Dep. Biomed. Sci., Univ. Tampere, Box 607, SF-33101 Tampere 10, Finland] *Coturnix coturnix japonica*, *Anas platyrhynchos* and *Larus ridibundus*.

81-005776 Nicholson, J. K. THE HISTOLOGY AND FINE STRUCTURE OF THE COLLECTING TUBULES AND DUCTS OF AVIAN KIDNEYS. *J. Anat.* 132(3):467. May 1981. Abstract only. WR 182
[Dep. Anat., St. Thomas's Hospital Med. School, London, England] *Sturnus vulgaris* and *Fratercula arctica*.

81-005777 Palomeque, J.; L. Palacios and J. Planas. COMPARATIVE RESPIRATORY FUNCTIONS OF BLOOD IN SOME PASSERIFORM BIRDS. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):619-624. 1980. WR 182
[Dep. Fisiol. Anim., Fac. Biol., Univ. Barcelona, Barcelona-7, Spain]

81-005778 Ponomareva, T. S. [EGG SHELL PERMEABILITY AND HUMIDITY IN THE NESTS OF DESERT BIRDS UPON NATURAL INCUBATION.] *Zool. Zh.* 60(3):426-431. Mar. 1981. In Russian with English summ. WR 182
[All-Union Res. Inst. Nat. Conserv. & Reservations, Moscow, USSR] Data for 7 spp.

81-005779 Prokof'eva, L. I. NEW DATA ON INNERVATION OF THE AUDITORY RECEPTOR OF BIRDS. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR)* 254(1-6):478-480. Mar. 1981. Translated from Dokl. Akad. Nauk SSSR 254(1):214-217. Sept. 1980. WR 182
[M. V. Lomonosov State Univ., Moscow, USSR] *Columba livia* and *Asio otus*.

81-005780 Spearman, R. I. C. THE AVIAN SKIN IN RELATION TO SURFACE ECOLOGY. *Proc. R. Soc. Edinb. Sect. B Biol. Sci.* 79(1/3):57-74. 1980. WR 182
[Dep. Dermatol., Univ. Coll. London, School Med., London WC1E 6JJ, England]

81-005781 Spotila, James R.; Christina J. Weinheimer and Charles V. Paganelli. SHELL RESISTANCE AND EVAPORATIVE WATER LOSS FROM BIRD EGGS: EFFECTS OF WIND SPEED AND EGG SIZE. *Physiol. Zool.* 54(2):195-202. Apr. 1981. WR 182
[Dep. Biol., State Univ. Coll., Buffalo, NY 14222]

81-005782 Tegelström, Håkan and Hans Ryttman. CHROMOSOMES IN BIRDS (AVES): EVOLUTIONARY IMPLICATIONS OF MACRO- AND MICROCHROMOSOME NUMBERS AND LENGTHS. *Hereditas* 94(2):225-233. 1981. WR 182
[Dep. General Genetics, Univ. Uppsala, S-750 07 Uppsala, Sweden] Based on data for 234 bird species.

BIRDS--BEHAVIOR

81-005783 Ashwell, David. HEAT AVOIDANCE BY SOME BIRDS OF THE BIG DESERT, VICTORIA. *Aust. Bird Watcher* 8(8):256. Dec. 1980. WR 182
[78 Dublin Rd., East Ringwood, Victoria 3135, Australia]

81-005784 Beattie, W. P. PARASITIC BEHAVIOUR OF THE RED-CHESTED CUCKOO. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 7. Jan.-Feb. 1981. WR 182
[P.O. Box 29046, Nairobi, Kenya] *Cuculus solitarius* and *Cossypha caffra* in Kenya.

81-005785 Bertram, Brian C. R. SOCIOBIOLOGY IN RELATION TO ORNITHOLOGY. *Auk* 98(2):403-405. Apr. 1981. WR 182
[Curator of Mammals, Zool. Soc. London, Regent's Park, London, England]

81-005786 Brown, Jerram L. ON SOCIO-ORNITHOLOGY. *Auk* 98(2):417-418. Apr. 1981. WR 182
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

81-005787 Busse, Horst. INTERESSANTES VERHALTEN VON RAUSCHSCHWALBEN (*HIRUNDO RUSTICA*) BEI EINEM KÄLTEEINBRUCH WÄHREND DER ZUGZEIT IM FRÜHJAHR 1979. [INTERESTING BEHAVIOR OF *HIRUNDO RUSTICA* DURING A COLD SPELL DURING SPRING MIGRATION OF 1979.] *Beitr. Vogelkd.* 26(6):362-363. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005788 Dornbusch, Max. DIE ERNÄHRUNG EINIGER KLEINVOGELARTEN IN KIEFERNJUNGBESTOCKUNGEN. [FEEDING IN SOME SMALL BIRD SPECIES IN YOUNG PINE PLANTATIONS.] *Beitr. Vogelkd.* 27(2):73-99. 1981. In German. WR 182
[Biol. Stn. Steckby, Inst. Landschaftsforsch., & Naturschutz Halle, Akad. Landwirtschaftsw. DDR, DDR-3401 Steckby, East Germany]

81-005789 Emlen, Stephen T. THE ORNITHOLOGICAL ROOTS OF SOCIOBIOLOGY. *Auk* 98(2):400-403. Apr. 1981. WR 182
[Div. Biol. Sci., Cornell Univ., Ithaca, NY 14853]

81-005790 Fitzpatrick, John W. and Glen E. Woolfenden. DEMOGRAPHY IS A CORNERSTONE OF SOCIOBIOLOGY. *Auk* 98(2):406-407. Apr. 1981. WR 182
[Field Mus. Nat. Hist., Chicago, IL 60605]

81-005791 Frankenberg, Eliezer. THE ADAPTIVE SIGNIFICANCE OF AVIAN MOBBING. IV. "ALERTING OTHERS" AND "PERCEPTION ADVERTISEMENT" IN BLACKBIRDS FACING AN OWL. *Z. Tierpsychol.* 55(2):97-118. 1981. In English with German summ. WR 182
[Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008] *Turdus merula*.

81-005792 Garton, Edward O. IMPLICATIONS OF OPTIMAL FORAGING THEORY FOR INSECTIVOROUS FOREST BIRDS. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and other, editors. (Academic Press)* p. 107-118. 1979. From Ecol. Abstr. 1980/5:80L/6734. 1980. WR 182

BIRDS--BEHAVIOR (CONTINUED)

81-005793 Gochfeld, Michael and Joanna Burger. AGE-RELATED DIFFERENCES IN PIRACY OF FRIGATEBIRDS FROM LAUGHING GULLS. *Condor* 83(1):79-82. Feb. 1981. WR 182
[Div. Environ. & Community Med., Rutgers Med. School, Piscataway, NJ 08854] *Fregata magnificeus* and *Larus atricilla* in Mexico.

81-005794 Grubb, Thomas C., Jr. FACTORS CONTROLLING FORAGING STRATEGIES OF INSECTIVOROUS BIRDS. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 119-135. 1979. From Ecol. Abstr. 1980/5:80L/6735. 1980. WR 182

81-005795 Hyett, Jack. SQUATTERS IN THE NESTS OF FAIRY MARTINS. *Aust. Bird Watcher* 8(8):247-248. Dec. 1980. WR 182
[39 Alwyn St., Mitcham, Victoria 3132, Australia] *Cecropis ariel*.

81-005796 Kilham, Lawrence. BIRD BEHAVIOR: A FRONTIER FOR DISCOVERY. *N.H. Audubon Annu.* p. 12-15. 1981. WR 182

81-005797 Kukuk, Penelope F. HOW VERTEBRATES SEARCH FOR SMALL PREY. *Ph.D. dissertation, Univ. Kans.* 158p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4355. June 1981. WR 182
"Three species of birds were studied in the field."

81-005798 Lüdecke, Jörg-Sepp and Dietrich H. H. Kühlmann. WASSERUNGEN BEI SCHWIMMUNFÄHIGEN VÖGELN. [SOAKING IN NON-SWIMMING BIRDS.] *Beitr. Vogelkd.* 27(2):70-72. 1981. In German. WR 182
[Mus. Naturkd., Humboldt-Univ. Berlin, Invalidenstraße 43, DDR-1040 Berlin, East Germany]

81-005799 Ligon, J. David. SOCIOBIOLOGY IS FOR THE BIRDS. *Auk* 98(2):409-412. Apr. 1981. WR 182
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

81-005800 Martin, Graham R. AVIAN VOCALIZATIONS AND THE SOUND INTERFERENCE MODEL OF ROBERTS ET AL. *Anim. Behav.* 29(2):623-633. May 1981. WR 182
[Dep. Zool. & Comp. Physiol., Univ. Birmingham, P.O. Box 363, Birmingham B15 2TT, England]

81-005801 Mathias, T. and K. H. Schmidt. TRAUERSCHNÄPPER-ALBINO VON TANNENMEISEN AUFGEZOGEN. [PIED FLYCATCHER ALBINO RAISED BY COAL TITS.] *Luscinia* 44(1/2):89. 1979. In German. WR 182
[Fachbereich Biol., Univ. Frankfurt, Siesmayerstraße 70, 6000 Frankfurt/Main, West Germany] *Ficedula hypoleuca* and *Parus ater*.

81-005802 Pierce, Virginia and Thomas C. Grubb, Jr. LABORATORY STUDIES OF FORAGING IN FOUR BIRD SPECIES OF DECIDUOUS WOODLAND. *Auk* 98(2):307-320. Apr. 1981. WR 182
[Grubb: Dep. Zool., Ohio State Univ., Columbus 43210] *Parus carolinensis, P. bicolor, Sitta carolinensis* and *Picoides pubescens*.

BIRDS--BEHAVIOR (CONTINUED)

81-005803 Power, Harry W. SEARCHING FOR ALTRUISM IN BIRDS. *Auk* 98(2):422-425. Apr. 1981. WR 182
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903]

81-005804 Pulliam, H. Ronald. ON EXPERIMENTAL TESTS OF SOCIOBIOLOGICAL THEORY. *Auk* 98(2):407-409. Apr. 1981. WR 182
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

81-005805 Quinney, T. E.; B. N. Miller and K. R. S. Quinney. GULLS ROBBING PREY FROM GREAT BLUE HERONS (*ARDEA HERODIAS*). *Can. Field-Nat.* 95(2):205-206. Apr.-June 1981. WR 182
[Dep. Zool., Univ. Western Ontario, London, Ontario N6A 5B7, Canada] *Larus marinus*.

81-005806 Røskaft, Eivin. KRÅKER SPISTE RÅ LEVENDE HETTEMÅKE. [HOODED CROWS ATTACKING AN INJURED BLACK-HEADED GULL.] *Vår Fuglefauna* 1(3/4):176-177. 1978. In Norwegian with English summ. WR 182
[Zool. Inst., Rosenborg, N-7000 Trondheim, Norway] *Corvus corone* and *Larus ridibundus* in Norway.--Courtesy/Jon Swenson.

81-005807 Roberts, John; Malcolm L. Hunter and Alejandro Kacelnik. THE GROUND EFFECT AND ACOUSTIC COMMUNICATION. *Anim. Behav.* 29(2):633-634. May 1981. WR 182
[I.E.S.T., Polytechnic of the South Bank, London SE1 0AA, England]

81-005808 Schlei, Frank. RAUBWÜGER (*LANIUS EXCUBITOR* L.) VERSUCHT JUNGES HAUSKANINCHEN ZU SCHLAGEN. [*LANIUS EXCUBITOR* ATTEMPTS TO ATTACK A YOUNG HOUSE DOG.] *Beitr. Vogelkd.* 26(5):298. 1980. In German. WR 182
[Triftstraße 41, DDR-5237 Weißensee, East Germany]

81-005809 Schnell, Gary D. and Jenna J. Hellack. BIRD FLIGHT SPEEDS IN NATURE: OPTIMIZED OR A COMPROMISE? *Am. Nat.* 113(1):53-66. Jan. 1979. WR 182
[Dep. Zool. & Stovall Mus., Univ. Okla., Norman 73019]

81-005810 Schwilling, Marvin D.; Ed Schulenberg and Jean Schulenberg. SOUTHEAST KANSAS NESTING NOTES. *Kans. Ornithol. Soc. Bull.* 32(1):18-19. Mar. 1981. WR 182
[Fish & Game Office, Emporia, KS 66801]

81-005811 Sherman, Paul W. ELECTROPHORESIS AND AVIAN GENEALOGICAL ANALYSES. *Auk* 98(2):419-422. Apr. 1981. WR 182
[Section Neurobiol. & Behav., Cornell Univ., Ithaca, NY 14850]

81-005812 Stokes, Tony. THE DEFINITION OF CLUSTERING. *Aust. Bird Watcher* 8(8):257. Dec. 1980. WR 182
[Australian Natl. Parks & Wildl. Serv., Box 636, Canberra City, A.C.T. 2601, Australia]

BIRDS--BEHAVIOR (CONTINUED)

81-005813 Thake, M. A. NONSENSE ORIENTATION: AN ADAPTATION FOR FLOCKING DURING PREDATION? *Ibis* 123(2):247-248. Apr. 1981. WR 182
[P.O. Box 517, Valleta, Malta]

81-005814 Vader, Wim. FISKEMÅKER RANER BEITENDE LAPPSPOVER. [CLEPTOPARASITISM ON BAR-TAILED GODWITS BY COMMON GULLS.] *Fauna (Oslo)* 32(2):62-65. 1979. In Norwegian with English summ. WR 182
[Zool. Avdeling, Tromsø Mus., N-9000 Tromsø, Norway] *Limosa lapponica* and *Larus canus* in Norway.--Courtesy/Jon Swenson.

81-005815 von Haartman, Lars. REACTION OF A REGULAR CUCKOO HOST TO FOREIGN EGGS. *Mem. Soc. Fauna Flora Fenn.* 57(1):6. 1981. Abstract only. WR 182
[Inst. Zool., Univ. Helsinki, P. Rautatiek. 13, SF-00100 Helsinki 10, Finland] *Cuculus canorus* and *P. phoenicurus* in Finland.

81-005816 Willis, Edwin O. PRECAUTIONS IN CALCULATING NEST SUCCESS. *Ibis* 123(2):204-207. Apr. 1981. WR 182
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124]

81-005817 Zahavi, Amotz. SOME COMMENTS ON SOCIOBIOLOGY. *Auk* 98(2):412-415. Apr. 1981. WR 182
[George S. Wise Cent. Life Sci., Tel-Aviv Univ., Tel-Aviv, Israel]

BIRDS--POPULATION DYNAMICS

81-005818 Dickson, James G. SEASONAL POPULATIONS OF INSECTIVOROUS BIRDS IN A MATURE BOTTOMLAND HARDWOOD FOREST IN SOUTH LOUISIANA. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 261-268. 1979. From Ecol. Abstr. 1980/5:80L/6741. 1980. WR 182

81-005819 Kinzie, Barry and John Pancake. CHANGES IN BIRD POPULATIONS IN BOTETOURT COUNTY, VIRGINIA, DURING THE SEVERE WINTER OF 1977-78. *Raven* 50(2):36-37. June 1979. WR 182
[P.O. Box 446, Troutville, VA 24175]

81-005820 Root, Terry L.; Mark A. Holmgren and Robert W. Andrews. WINTER ABUNDANCE PATTERNS OF SOME SONGBIRDS NEAR THE 100TH MERIDIAN IN THE SOUTHERN UNITED STATES. *Southwest. Nat.* 26(2):95-100. 21 May 1981. WR 182
[DEPOB, Univ. Colo., Boulder 80309]

81-005821 Slagsvold, Tore. CLUTCH SIZE AND POPULATION STABILITY IN BIRDS: A TEST OF HYPOTHESES. *Oecologia (Berl.)* 49(2):213-217. May 1981. WR 182
[Univ. Trondheim, Museum, Erling Skakkes qt. 47, N-7000 Trondheim, Norway]

81-005822 Svensson, Sören. SVENSKA HÄCKFÅGELTAXERINGEN 1969-1980: PROVYTOR, PUNKTRUTTER OCH VATTENFÅGELMORÅDEN. [SWEDISH BREEDING BIRD CENSUS 1969-1980.] *Vår Fågelvärld* 40(2):125-132. 1981. In Swedish. WR 1822

BIRDS--POPULATION DYNAMICS (CONTINUED)

81-005823 Upton, Graham J. G. and Gordon A. Lampitt. A MODEL FOR INTERYEAR CHANGE IN THE SIZE OF BIRD POPULATIONS. *Biometrics* 37(1):113-127. Mar. 1981. WR 182
[Dep. Mathematics, Univ. Essex, Wivenhoe Park, Colchester CO4 3SQ, England]

BIRDS--MIGRATION AND BANDING REPORTS

81-005824 Antas, Paulo de Tarso Z. PRESENT SITUATION OF BIRD-BANDING IN BRAZIL. *Ring* 9(101):96-98. 1979. WR 182

81-005825 Balph, Martha Hatch. SOME COLOR-BANDING TECHNIQUES FOR FLOCKING BIRDS. *N. Am. Bird Bander* 4(4):158-160. Oct.-Dec. 1979. WR 182
[Dep. Wildl. Sci., UMC 52, Utah State Univ., Logan 84322]

81-005826 Beser, Herman J. and F. R. G. Meerbusch. A NEW APPROACH TO BIRD RINGING. *Ring* 9(101):88-90. 1979. WR 182

81-005827 Clapp, Roger B. OCCURRENCE OF CENTRAL PACIFIC BLUE-FACED BOOBY AND SOOTY TERN IN SOUTHEAST ASIA. *Tori* 29(2/3):95-96. Oct. 1980. In English with Japanese summ. WR 182
[U.S. Fish Wildl. Serv., Washington, D.C. 20560] *Sula dactylatra* and *Sterna fuscata*.

81-005828 Frieling, Fritz. ZUM DURCHZUG DER LIMIKOLEN UND DER BEUTELMEISE NACH 25JÄHRIGER KONTROLLE 1953-1977. [ON THE MIGRATION OF SHOREBIRDS AND THE PENDULINE TITMOUSE DURING TWENTY-FIVE YEARS 1953-1977. 57TH REPORT.] *Beitr. Vogelkd.* 26(5):249-252. 1980. In German. WR 182
[Nr. 29, DDR-7231 Rüdigsdorf, East Germany]

81-005829 Gent, Peter. FALL MIGRATION, AUGUST 1 - NOVEMBER 30, 1978. *CFO (Colo. Field Ornithol.) J.* 13(3):73-84. 1979. WR 182
[NCAR, P.O. Box 3000, Boulder, CO 80307]

81-005830 Gibson, Daniel D. MIGRANT BIRDS AT SHEMYA ISLAND, ALEUTIAN ISLANDS, ALASKA. *Condor* 83(1):65-77. Feb. 1981. WR 182
[Univ. Alaska Mus., Fairbanks 99701]

81-005831 Hall, George A. and Ralph K. Bell. THE DIURNAL MIGRATION OF PASSERINES ALONG AN APPALACHIAN RIDGE. *Am. Birds* 35(2):135-138. Mar. 1981. WR 182
[Dep. Chem., W. Va. Univ., Morgantown 26506]

81-005832 Heil, Richard S. AN AVIAN FALLOUT AND THE FIRST MASSACHUSETTS RECORDS FOR BLACK-CHINNED HUMMINGBIRD AND LUEY'S WARBLER. *Am. Birds* 35(2):139-141. Mar. 1981. WR 182
[20 MacArthur Circle, Peabody, MA 01960] *Archilochus alexandri* and *Vermivora luciae*.

BIRDS--MIGRATION AND BANDING REPORTS (CONTINUED)

81-005833 Homann, Peter H. WINTERING BIRD RETURNS IN NORTH FLORIDA. *N. Am. Bird Bander* 4(4):154-157. Oct.-Dec. 1979. WR 182
[117 Ridgeland Rd., Tallahassee, FL 32312]

81-005834 Larkin, Ronald P. and David Thompson. FLIGHT SPEEDS OF BIRDS OBSERVED WITH RADAR: EVIDENCE FOR TWO PHASES OF MIGRATORY FLIGHT. *Behav. Ecol. Sociobiol.* 7(4):301-317. 1980. WR 182
[Rockefeller Univ., New York, NY 10021]

81-005835 McLaren, Ian A. THE INCIDENCE OF VAGRANT LANDBIRDS ON NOVA SCOTIAN ISLANDS. *Auk* 98(2):243-257. Apr. 1981. WR 182
[Biol. Dep., Dalhousie Univ., Halifax, Nova Scotia B3H 4J1, Canada]

81-005836 Morant, P. D. TWENTY-SECOND RINGING REPORT FOR SOUTHERN AFRICA. *Ostrich* 52(1):44-53. Mar. 1981. WR 182
[South Afr. Bird Ringing Unit, Univ. Cape Town, Rondebosch, South Africa 7700]

81-005837 Roos, Gunnar. FALSTERBONYTT: JANUARI-JUNI 1979. [FALSTERBO BIRD STATION, JANUARY-JUNE 1979.] *Anser* 18(3):201-203. 1979. From Ecol. Abstr. 1980/5:80L/6880. 1980. In Swedish with English summ. WR 182

81-005838 Roos, Gunnar. FALSTERBONYTT: OKTOBER-DECEMBER 1979. [FALSTERBO BIRD STATION: OCTOBER-DECEMBER 1979.] *Anser* 19(1):19-22. 1980. From Ecol. Abstr. 1980/6:80L/8330. 1980. In Swedish with English summ. WR 182

81-005839 Stymeist, Robert H. SOUTHERN WARBLERS IN MASSACHUSETTS. *Bird Observer East. Mass.* 9(1):11-13. Feb. 1981. WR 182

81-005840 Tyrberg, Tommy. FÅGLARNAS KOMPASS--NÅGRA GEOFYSISKA ASPEKTER. [THE AVIAN COMPASS--SOME GEOPHYSICAL ASPECTS.] *Vår Fågelvärld* 40(2):110-111. 1981. In Swedish with English summ. WR 182
[Kinstadsvägen 37, 610 20 Kinstad, Sweden]

BIRDS--MORTALITY AND SURVIVAL

81-005841 North, Philip M. and Richard M. Cormack. ON SEBER'S METHOD FOR ESTIMATING AGE-SPECIFIC BIRD SURVIVAL RATES FROM RINGING RECOVERIES. *Biometrics* 37(1):103-112. Mar. 1981. WR 182
[Mathematical Inst., The University, Canterbury, Kent CT2 7NF, England]

81-005842 Powers, Leon R.; Dawn Gertson and Juanita L. Demmer. A NATURAL HAZARD TO SMALL BIRDS. *Murrelet* 62(1):23-24. 1981. WR 182
[Dep. Biol., Northwest Nazarene Coll., Nampa, ID 83651]

81-005843 Verheijen, F. J. THE MOON: A NEGLECTED FACTOR IN STUDIES ON COLLISIONS OF NOCTURNAL MIGRANT BIRDS WITH TALL LIGHTED STRUCTURES AND WITH AIRCRAFT. *Vogelwarte* 30(4):305-320. Dec. 1980. In English with German summ. WR 182
[Lab. Comp. Physiol., Jan van Galenstraat 40, 3572 LA Utrecht, Netherlands] Review paper.

BIRDS--PESTICIDES AND POLLUTION

81-005844 Alberto, L. J. and J. Nadal. RESIDUOS ORGANOCLORADOS EN HUEVOS DE DIEZ ESPECIES DE AVES DEL DELTA DEL EBRO. [ORGANOCHLORINE RESIDUES IN THE EGGS OF TEN SPECIES OF BIRDS FROM EBRO DELTA (SPAIN).] *Publ. Dep. Zool. Univ. Barcelona* 6:73-83. 1981. In Spanish with English summ. WR 182
[Dep. Zool., Fac. Biol., Univ. Leon, Leon, Spain]

81-005845 Barth, Edvard K. BLYFORGIFTNING AV VANNFUGLER. [LEAD POISONING IN WATERFOWL.] *Fauna (Oslo)* 32(1):34. 1979. In Norwegian with English summ. WR 182
[Zool. Mus., Sarsgt. 1, N-Oslo 5, Norway] Lead poisoning may have caused the death of two whooper swans *Cygnus cygnus* in Norway.--Courtesy/Jon Swenson.

81-005846 Becker, Peter H.; Bernd Conrad and Hans Sperveslage. VERGLEICH DER GEHALTE AN CHLORIERTEN KOHLENWASSERSTOFFEN UND PCB'S IN SILBERMÖWEN (*LARUS ARGENTATUS*)--EIERN VON MELLUM 1975 UND 1979. [COMPARISON OF THE QUANTITIES OF CHLORINATED HYDROCARBONS AND PCB'S IN HERRING GULLS *LARUS ARGENTATUS*: EGGS FROM MELLUM 1975 AND 1979.] *Vogelwarte* 30(4):294-296. Dec. 1980. In German with English summ. WR 182
[Inst. Vogelforschung "Vogelwarte Helgoland," An der Vogelwarte 21, D-2940 Wilhelmshaven 15, West Germany]

81-005847 Beteille, M. OBSERVATION D'UN PLONGEON À BEC BLANC, *GAVIA ADAMSI*, AU PORT PÉTROLIER D'ANTIFER - PREMIÈRE DONNÉE NORMANDE, SECONDE DONNÉE FRANÇAISE. [OBSERVATION OF A WHITE-BILLED DIVER, *GAVIA ADAMSI*, IN ANTIFER OIL TERMINAL - FIRST RECORD FOR NORMANDY, SECOND FOR FRANCE.] *Cormoran* 4(2):101-104. 1979. In French with English summ. WR 182
[Ecole des Caraques, 76700 Harfleur, France]

81-005848 Busby, D. G.; P. A. Pearce and N. R. Garrity. BRAIN CHOLINESTERASE RESPONSE IN SONGBIRDS EXPOSED TO EXPERIMENTAL FENITROTHION SPRAYING IN NEW BRUNSWICK, CANADA. *Bull. Environ. Contam. Toxicol.* 26(3):401-406. Mar. 1981. WR 182
[Canadian Wildl. Serv., P.O. Box 400, Fredericton, New Brunswick, E3B 4Z9 Canada]

81-005849 Coon, Nancy C. and Michael P. Dieter. RESPONSES OF ADULT MALLARD DUCKS TO INGESTED SOUTH LOUISIANA CRUDE OIL. *Environ. Res.* 24(2):309-314. Apr. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Anas platyrhynchos.*

81-005850 Erasmus, T.; R. M. Randall and B. M. Randall. OIL POLLUTION, INSULATION AND BODY TEMPERATURES IN THE JACKASS PENGUIN *SPHENISCUS DEMERSUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):169-171. 1981. WR 182
[Dep. Zool., Univ. Port Elizabeth, P.O. Box 1600, Port Elizabeth 6000, South Africa]

81-005851 Fleming, W. James. ENVIRONMENTAL METAL RESIDUES IN TISSUES OF CANVASBACKS. *J. Wildl. Manage.* 45(2):508-511. Apr. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Aythya valisineria* in Iowa and Wisconisn.

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

81-005852 Frank, R.; G. J. Sirons and D. Wilson. RESIDUES OF 4-AMINOPYRIDINE IN POISONED BIRDS. *Bull. Environ. Contam. Toxicol.* 26(3):389-392. Mar. 1981. WR 182
[Provincial Pesticide Residue Testing Lab., Ontario Minist. Agric. & Food, Guelph, Ontario, N1G 2W1 Canada]

81-005853 Giri, Shri N.; Arthur A. Bickford and Anne E. Barger. EFFECTS OF 2-CHLORO-4-ACETOTOLUIDINE (CAT) TOXICITY ON BIOCHEMICAL AND MORPHOLGICAL ALTERATIONS IN QUAIL. *Avian Dis.* 23(4):794-811. Oct.-Dec. 1979. WR 182
[Dep. Physiol. Sci., School Vet. Med., Univ. Calif., Davis 95616] *Coturnix coturnix.*

81-005854 Gorsline, J.; W. N. Holmes and James Cronshaw. THE EFFECTS OF INGESTED PETROLEUM ON THE NAPHTHALENE-METABOLIZING PROPERTIES OF LIVER TISSUE IN SEAWATER-ADAPTED MALLARD DUCKS (*ANAS PLATYRHYNCHOS*). *Environ. Res.* 24(2):377-390. Apr. 1981. WR 182
[Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106]

81-005855 Grue, Christian E.; George V. N. Powell and Nancy L. Gladson. BRAIN CHOLINESTERASE (ChE) ACTIVITY IN NESTLING STARLINGS: IMPLICATIONS FOR MONITORING EXPOSURE OF NESTLING SONGBIRDS TO ChE INHIBITORS. *Bull. Environ. Contam. Toxicol.* 26(4):544-547. Apr. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811] *Sturnus vulgaris.*

81-005856 Kendall, Ronald J. and Patrick F. Scanlon. TISSUE LEAD CONCENTRATIONS IN JAPANESE QUAIL INGESTING LEAD PELLETS OR SHOT WITH LEAD PELLETS. *Bull. Environ. Contam. Toxicol.* 26(5):652-655. May 1981. WR 182
[Huxley Coll. Environ. Studies, Western Wash. Univ., Bellingham 98225] *Coturnix coturnix japonica.*

81-005857 Kinnear, Pete. BIRDS AND OIL. *In The Shetland Way of Oil: Reactions of a Small Community to Big Business, John Button, editor. (Thuleprint Ltd.)* p. 108-112. 1978. From Ecol. Abstr. 1980/6:80L/8700. 1980. WR 182

81-005858 Łukowski, Aleksy B. THE CONTENT OF ORGANOCHLORINE INSECTICIDES IN THE EGGS AND TISSUES OF YOUNG INDIVIDUALS OF THE GREAT CRESTED GREBE (*PODICEPS CRISTATUS* L.) AND OF THE COOT (*FULICA ATRA* L.) FROM THE MASURIAN LAKES. *Ekol. Pol.* 26(3):467-478. 1978. WR 182
[Dep. Zool. & Ecol., Inst. Zool., Univ. Warsaw, Krakowskie Przedmieście 26/28, 00-927/1 Warsaw, Poland]

81-005859 Łukowski, Aleksy B. THE CONTENT OF ORGANOCHLORINE INSECTICIDES IN THE TISSUES OF THE GREAT CRESTED GREBE (*PODICEPS CRISTATUS* L.) AND THE COOT (*FULICA ATRA* L.) FROM THE MASURIAN LAKES IN DIFFERENT PHENOLOGICAL PERIODS. *Ekol. Pol.* 26(3):439-465. 1978. WR 182
[Dep. Zool. & Ecol., Inst. Zool., Univ. Warsaw, Krakowskie Przedmieście 26/28, 00-927/1 Warsaw, Poland]

81-005860 Martin, A. D.; G. Norman; P. I. Stanley and G. E. Westlake. USE OF REACTIVATION TECHNIQUES FOR THE DIFFERENTIAL DIAGNOSIS OF ORGANOPHOSPHORUS AND CARBAMATE PESTICIDE POISONING IN BIRDS. *Bull. Environ. Contam.*

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

81-005860 CONTINUED *Toxicol.* 26(6):775-780. June 1981. WR 182
[Tolworth Lab., Agric. Sci. Serv., Surbiton, Surrey, England] *Coturnix coturnix japonica.*

81-005861 Miller, D. S.; R. G. Butler; W. Trivelpiece; S. Janes-Butler; S. Green; B. Peakall; G. Lambert and D. B. Peakall. CRUDE OIL INGESTION BY SEABIRDS: POSSIBLE METABOLIC AND REPRODUCTIVE EFFECTS. *Mount Desert Island Biol. Lab. Bull.* 20:137-138. 1980(1981). WR 182
[Mt. Desert Island Biol. Lab., Salsbury Cove, ME] *Oceanodroma leucorhoa* and *Larus argentatus.*

81-005862 Nicholson, J. K. EVIDENCE OF NEPHROTOXIC LESIONS IN THE KIDNEYS OF WILD SEABIRDS CARRYING HEAVY LOADS OF CADMIUM AND MERCURY. *J. Anat.* 132(3):472. May 1981. Abstract only. WR 182
[Dep. Anat., St. Thomas's Hospital Med. School, London, England] *Fratercula arctica, Procellaria puffinus* and *Fulmarus glacialis* in England.

81-005863 Peters, J. A. EFFECTS OF 1080 ON NON-TARGET SPECIES: A REPLY. *N.Z. J. Ecol.* 3:163-165. 1980. WR 182
[Forest Res. Inst., P.O. Box 31-011, Christchurch, New Zealand]

81-005864 Rattner, Barnett A. and William C. Eastin, Jr. PLASMA CORTICOSTERONE AND THYROXINE CONCENTRATIONS DURING CHRONIC INGESTION OF CRUDE OIL IN MALLARD DUCKS (*ANAS PLATYRHYNCHOS*). *Comp. Biochem. Physiol. C Comp. Pharmacol.* 68(2):103-107. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811]

81-005865 Robertson, H. A. EFFECTS OF 1080 ON NON-TARGET SPECIES. *N.Z. J. Ecol.* 3:162-163. 1980. WR 182
[Ecol. Div., DSIR, Private Bag, Lower Hutt, New Zealand]

81-005866 Stone, Ward B. AN AMERICAN KESTREL KILLED BY ORGANOCHLORINE PESTICIDES IN DUTCHESS COUNTY, NEW YORK. *Kingbird* 31(2):79-81. 1981. WR 182
[Wildl. Pathol. Unit, Delmar Wildl. Resour. Cent., Delmar, NY 12054] *Falco sparverius.*

81-005867 Sylvén, Magnus. PROJEKT GLADA 1980. [PROJECT GLADA 1980.] *Vår Fågelvärld* 40(2):118-124. 1981. In Swedish. WR 182
Pesticide research in Europe.

81-005868 Szaro, Robert C.; Gary Hensler and Gary H. Heinz. EFFECTS OF CHRONIC INGESTION OF NO. 2 FUEL OIL ON MALLARD DUCKLINGS. *J. Toxicol. Environ. Health* 7(5):789-799. May 1981. WR 182
[U.S. For. Serv., Forestry Sci. Lab., Ariz. State Univ., Tempe 85281] *Anas platyrhynchos.*

81-005869 Vangilder, Larry D. and Tony J. Peterle. SOUTH LOUISIANA CRUDE OIL OR DDE IN THE DIET OF MALLARD HENS: EFFECTS ON EGG QUALITY. *Bull. Environ. Contam. Toxicol.* 26(3):328-336. Mar. 1981. WR 182
[Dep. Zool., Ohio State Univ., Columbus 43210] *Anas platyrhynchos.*

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

81-005870 Wilson, P. R. EFFECTS ON BIRDS OF SPRAYING DDT AND DDD IN ORCHARDS. *N.Z. J. Ecol.* 3:117-124. 1980. WR 182
[Ecol. Div., DSIR, Nelson, New Zealand] *Acridotheres tristis, Sturnus vulgaris, Turdus merula* and *T. philomelos* in New Zealand.

BIRDS--PARASITES AND DISEASES

81-005871 Boudreault, Armand and Jacqueline Lecomte. ISOLEMENT DE VIRUS GRIPPAUX CHEZ DIFFÉRENTES ESPÈCES AVIAIRES AU CANADA EN 1978. [THE CIRCULATION OF INFLUENZA A VIRUSES IN DIFFERENT AVIAN SPECIES IN CANADA DURING 1978.] *Rev. Can. Biol.* 40(1):139-145. Mar. 1981. In French with English summ. WR 182
[Cent. Recherche Virol., Inst. Armand-Frappier, Univ. Québec, C.P. 100, Laval, Québec, Canada H7V 1B7]

81-005872 Douglass, E. Michael. HISTOMONIASIS IN ZOO BIRDS. *Vet. Med. Small Anim. Clin.* 76(7):1013-1014. July 1981. WR 182
[Memphis Zoo & Aquarium, Memphis, TN 38112]

81-005873 Dubois, Georges. NOTES HELMINTHOLOGIQUES V: STRIGEIDAE RAILLIET, DIPLOSTOMIDAE POIRIER ET PROTERODIPLOSTOMIDAE DUBOIS. [HELMINTHOLOGICAL NOTES V: STRIGEIDAE RAILLIET, DIPLOSTOMIDAE POIRIER ET PROTERODIPLOSTOMIDAE DUBOIS (TREMATODA).] *Rev. Suisse Zool.* 88(1):227-232. Mar. 1981. In French with English summ. WR 182
[Grand-Rue 12, CH-2035 Corcelles, Switzerland] Data for 10 spp. parasitic upon birds.

81-005874 Grimes, J. E.; K. J. Owens and J. R. Singer. EXPERIMENTAL TRANSMISSION OF *CHLAMYDIA PSITTACI* TO TURKEYS FROM WILD BIRDS. *Avian Dis.* 23(4):915-926. Oct.-Dec. 1979. WR 182
[Dep. Vet. Microbiol. & Parasitol., Tex. A&M Univ., College Station 77843] *Scardafella inca* and other spp.

81-005875 Jensen, Wayne I. EVALUATION OF COPROEXAMINATION AS A DIAGNOSTIC TEST FOR AVIAN BOTULISM. *J. Wildl. Dis.* 17(2):171-176. Apr. 1981. WR 182
[Natl. Wildl. Health Lab., Bear River Res. Stn., Brigham City, UT 84302]

81-005876 Montgomery, Roy D.; George Stein, Jr.; Vernon D. Stotts and Fairfax H. Settle. THE 1978 EPORNITIC OF AVIAN CHOLERA ON THE CHESAPEAKE BAY. *Avian Dis.* 23(4):966-978. Oct.-Dec. 1979. WR 182
[Md. Dep. Agric., Anim. Health Lab., P.O. Box J, Salisbury 21801]

81-005877 Peirce, M. A. DISTRIBUTION AND HOST-PARASITE CHECK-LIST OF THE HAEMATOZOA OF BIRDS IN WESTERN EUROPE. *J. Nat. Hist.* 15(3):419-458. May-June 1981. WR 182
[c/o UNDP/FAO, P.O. Box 31966, Lusaka, Zambia]

81-005878 Sánchez Franco, A.; M. I. Lacasa Millán; J. F. Gutiérrez Galindo; J. L. Múzquiz Moracho and J. L. Alonso Martínez. ENVIRONMENTAL FUNGUS FLORA IN QUAIL-BREEDING FARMS. *Avian Dis.* 25(2):254-259. Apr.-June 1981. WR 182
[Dep. Infectious Pathol. & Parasitol., School Veterinary Med., Zaragoza, Spain]

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

81-005879 Bannasch, Frank. RAUHFUßKAUZ, *AEGOLIUS FUNEREUS*, VERTREIBT HOHLTAUBE, *COLUMBA OENAS*, AUS IHRER BRUTHÖHLE. [TENGMALM'S OWL *AEGOLIUS FUNEREUS* EXPELS A STOCK DOVE *COLUMBA OENAS* FROM ITS BREEDING HOLE.] *Beitr. Vogelkd.* 26(1):58. 1980. In German. WR 182
[Schulstraße 3, DDR-3251 Rathmannsdorf, (Kr. Staßfurt), East Germany]

81-005880 Brown, W. H. HAWK PURSUIT OF A KINGFISHER. *Ky. Warbler* 57(1):25. Feb. 1981. WR 182
[527½ Main St., Shelbyville, KY 40065] *Accipiter cooperii* and *Megaceryle alcyon* in Kentucky.

81-005881 Fink, Linda S. and Lincoln P. Brower. BIRDS CAN OVERCOME THE CARDENOLIDE DEFENCE OF MONARCH BUTTERFLIES IN MEXICO. *Nature* 291(5810):67-70. 7 May 1981. WR 182
[Webster Cent. Biol. Sci., Amherst Coll., Amherst, MA 01002] *Icterus abeillei* and *Pheucticus melanocephalus*.

81-005882 Grant, B. R. and P. R. Grant. EXPLOITATION OF *OPUNTIA* CACTUS BY BIRDS ON THE GALÁPAGOS. *Oecologia (Berl.)* 49(2):179-187. May 1981. WR 182
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Geospiza scandens* and *G. conirostris*.

81-005883 Gras, G.; C. Hasselman; C. Pellissier and R. Bruggers. RESIDUE ANALYSIS OF METHIOCARB APPLIED TO RIPENING SORGHUM AS A BIRD REPELLENT IN SENEGAL. *Bull. Environ. Contam. Toxicol.* 26(3):393-400. Mar. 1981. WR 182
[Lab. Chim. Analytique & Toxicol., Fac. Med. & Pharmacie, Dakar, Senegal] *Quelea quelea*.

81-005884 Gullbrandsen, Kjell. HØSEHAUK PÅ ORRELEIK. [GOSHAWK AT A BLACK GROUSE DISPLAY GROUND.] *Vår Fuglefauna* 2(1):37-38. 1979. In Norwegian with English summ. WR 182
An *Accipiter gentilis* attacked and wounded a lekking *Lyrurus tetrix* in Norway.--Courtesy/Jon Swenson

81-005885 Lindén, Harto and Marcus Wikman. KANAHAUKAN POIKUEKOON VAIHTELUSTA SUHTEESSA METSÄKANALINTUJEN RUNSAUTEEN. [BROOD SIZE OF THE GOSHAWK IN RELATION TO TETRAONID DENSITIES.] *Suomen Riista* 27:63-69. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B, SF-00170 Helsinki 17, Finland] *Accipiter gentilis* in Finland.

81-005886 Schläfer, Waldemar. TEICHRALLE - *GALLINULA CHLOROPUS* - TÖTET UND VERZEHRT KIEBITZKÜKEN - *VANELLUS VANELLUS*. [MOORHEN *GALLINULA CHLOROPUS* KILLS AND EATS LAPWING *VANELLUS VANELLUS*.] *Luscinia* 44(1/2):90. 1979. In German. WR 182
[Lerchenstrße 8, 6056 Heusenstamm, West Germany]

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

81-005887 Schneider, David E., editor. BIRD CONTROL PROBLEM SOLVED WITH NETTING. *Pest Control* 49(6):28-29. June 1981. WR 182

81-005888 Schrick, Michael P. TREE SPARROWS KILLED AND EATEN BY MEADOWLARKS. *Bull. Okla. Ornithol. Soc.* 12(4):33-34. Dec. 1979. WR 182
[Hulah Project Office, Corps Engineers, Rt. 1, Box 620, Copan, OK 74022] *Spizella arborea*, *Sturnella magna*, and *Sturnella neglecta* in Oklahoma.

81-005889 Snell, Richard R. HERRING GULL ATTACKS AND EATS ADULT MALE OLDSQUAW. *Wilson Bull.* 93(1):110-111. Mar. 1981. WR 182
[Dep. Zool., Univ. Toronto, Toronto, Ontario M5S 1A1, Canada] *Larus argentatus* and *Clangula hyemalis* in Canada.

81-005890 Solman, Victor E. F. BIRDS AND AVIATION. *Environ. Conserv.* 8(1):45-51. 1981. WR 182
[Environ. Assessment, Canadian Wildl. Serv., Ottawa, Ontario K1A 0E7, Canada]

81-005891 Windingstad, Ronald M.; Harry E. Stiles and Roderick C. Drewien. WHOOPING CRANE PREYED UPON BY GOLDEN EAGLE. *Auk* 98(2):393-394. Apr. 1981. WR 182
[Natl. Wildl. Health Lab., Madison, WI 53706] *Grus americana* and *Aquila chrysaetos*.

81-005892 Wishart, Richard A.; Richard M. Kaminski and Daniel W. Soprovich. FURTHER EVIDENCE OF MARSH HAWKS FEEDING ON DUCKS. *Prairie Nat.* 13(1):23-25. Mar. 1981. WR 182
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2] *Circus cyaneus* feeding on several species of ducks in Canada.

GALLINACEOUS BIRDS--GENERAL

81-005893 Glaus, Kent Russell. THE STRUCTURE, ORGANIZATION AND EVOLUTION OF AVIAN MITOCHONDRIAL DNA. *Ph.D. dissertation, Ohio State Univ.* 334p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3683. Apr. 1981. WR 182
Data for 5 spp. of Galliformes.

81-005894 Ryttman, Hans and Håkan Tegelström. G-BANDED KARYOTYPES OF THREE GALLIFORMES SPECIES, DOMESTIC FOWL (*GALLUS DOMESTICUS*), QUAIL (*COTURNIX COTURNIX JAPONICA*), AND TURKEY (*MELEAGRIS GALLOPAVO*). *Hereditas* 94(2):165-170. 1981. WR 182
[Dep. General Genetics, Univ. Uppsala, S-750 07 Uppsala, Sweden]

GROUSE AND PTARMIGAN

81-005895 Cannon, Richard W. and Fritz L. Knopf. LESSER PRAIRIE CHICKEN

GROUSE AND PTARMIGAN (CONTINUED)

81-005895 CONTINUED DENSITIES ON SHINNERY OAK AND SAND SAGEBRUSH RANGELANDS IN OKLAHOMA. *J. Wildl. Manage.* 45(2):521-524. Apr. 1981. WR 182
[Denver Wildl. Res. Cent., 1300 Blue Spruce Dr., Fort Collins, CO 80524] *Tympanchus pallidicinctus.*

81-005896 Cogar, Virginia Faye. FOOD HABITS OF ATTWATER'S PRAIRIE CHICKEN IN REFUGIO COUNTY, TEXAS. *Ph.D. dissertation, Tex. A&M Univ.* 132p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3951. May 1981. WR 182
Tympanuchus cupido attwateri.

81-005897 Dick, T. A. ECTOPARASITES OF SHARP-TAILED GROUSE, *PEDIOECETES PHASIANELLUS*. *J. Wildl. Dis.* 17(2):229-235. Apr. 1981. WR 182
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba R3T 2N2, Canada]

81-005898 Elgert, Barbro; Simo Korhonen and Pentti Vikberg. PELTOPYYN TARHAUKSESTA. [EXPERIENCES WITH PARTRIDGE REARING AT KIIALA FARM, FINLAND IN 1977-78.] *Suomen Riista* 28:104-107. 1980. In Finnish with English summ. WR 182
[Ratakatu 19A, SF-00120 Helsinki 12, Finland]

81-005899 Fišer, Zdeněk; Václav Hanuš and Miroslav Bouchner. INVENTARIZACE STAVU TETŘÍVKŮ (*LYRURUS TETRIX* L.) V ČSR. [INVENTORY OF THE STATE OF BLACK GROUSE (*LYRURUS TETRIX* L.) IN THE CZECH SOCIALIST REPUBLIC.] *Práce Vúlhm* 57:183-199. 1980. In Czech with Russian and English summ. WR 182

81-005900 Foggo, M. N. VEGETATION ANALYSIS OF THE TERRITORIAL BOUNDARY BETWEEN RED GROUSE (*LAGOPUS LAGOPUS SCOTICUS*) AND PTARMIGAN (*LAGOPUS MUTUS*). *N.Z. J. Ecol.* 3:44-49. 1980. WR 182
[Central Inst. Technol., Trentham, New Zealand]

81-005901 Garbutt, Allan. THE SHOULDER-SPOT DISPLAY IN RUFFED GROUSE. *Wilson Bull.* 93(1):98-99. Mar. 1981. WR 182
[1424 Carlyle Rd., Calgary, Alberta T2V 2V1, Canada] *Bonasa umbellus.*

81-005902 Helle, Eero. RIEKON SYYSRAVINNON KOOSTUMUKSESTA OULUN LÄÄNISSÄ. [COMPOSITION OF THE AUTUMM DIET IN THE WILLOW GROUSE (*LAGOPUS LAGOPUS* L.) IN THE PROVINCE OF OULU, NORTHERN FINLAND.] *Suomen Riista* 28:79-85. 1980. In Finnish with English summ. WR 182
[Dep. Zool., Univ. Oulu, Kasarmintie 8, SF-90100 Oulu 10, Finland]

81-005903 Korhonen, Kyllikki. MICROCLIMATE IN THE SNOW BURROWS OF WILLOW GROUSE (*LAGOPUS LAGOPUS*). *Ann. Zool. Fenn.* 17(1):5-9. 1980. WR 182
[Kilpisjärvi Biol. Stn., 99490 Kilpisjärvi, Finland]

81-005904 Mahrt, Jerome L. SEASONAL PREVALENCE OF HEMATOZOA IN WILLOW PTARMIGAN (*LAGOPUS LAGOPUS*) FROM NORTHWESTERN BRITISH COLUMBIA. *J. Parasitol.* 67(2):277-278. Apr. 1981. WR 182
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada]

GROUSE AND PTARMIGAN (CONTINUED)

81-005905 Manske, L. L. and W. T. Barker. PRAIRIE CHICKEN HABITAT USE ON THE SHEYENNE NATIONAL GRASSLANDS, NORTH DAKOTA. *Proc. N.D. Acad. Sci.* 35:2. Apr. 1981. Abstract only. WR 182
[Botany Dep., N. Dak. State Univ., Fargo 58105] *Tympanuchus cupido pinnatus.*

81-005906 Mortensen, A. and A. R. Tindall. CAECAL DECOMPOSITION OF URIC ACID IN CAPTIVE AND FREE RANGING WILLOW PTARMIGAN (*LAGOPUS LAGOPUS LAGOPUS*). *Acta Physiol. Scand.* 111(2):129-133. Feb. 1981. WR 182
[Dep. Physiol., Inst. Med. Biol., Univ. Tromsø, Tromsø, Norway]

81-005907 Rajala, Paavo and Harto Lindén. METSÄKANALINTUKANNAT 1974-77 SEKÄ KANNANMUUTOKSET 1964 LÄHTIEN. [FINNISH TETRAONID POPULATIONS IN 1974-77 AND POPULATION TRENDS IN THE PERIOD 1964-77 ACCORDING TO THE AUGUST ROUTE-CENSUSES.] *Suomen Riista* 28:15-24. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland]

81-005908 Rodgers, Randy D. FACTORS AFFECTING RUFFED GROUSE DRUMMING COUNTS IN SOUTHWESTERN WISCONSIN. *J. Wildl. Manage.* 45(2):409-418. Apr. 1981. WR 182
[Kans. Fish & Game Comm., Hays 67601] *Bonasa umbellus.*

81-005909 Uotila, Heikki; Erik S. Nyholm and Matti Helminen. KIIRUNAN JA RIEKON TALVIRAVINNOSTA KILPISJÄRVELLÄ. [WINTER FEEDING HABITS OF THE PTARMIGAN (*LAGOPUS MUTUS*) AND WILLOW GROUSE (*L. LAGOPUS*) IN KILPISJÄRVI-AREA, NW-FINLAND.] *Suomen Riista* 28:59-66. 1980. In Finnish with English summ. WR 182
[Markkinakatu 7 A 14, SF-96200 Rovaniemi 20, Finland]

BOBWHITE

81-005910 Heitmeyer, Mickey E. FOODS OF BOBWHITES IN NORTHEASTERN MISSOURI RELATED TO LAND USE. *Trans. Mo. Acad. Sci.* 14:51-60. 1980. WR 182
[Okla. Coop. Wildl. Res. Unit, Okla. State Univ., Stillwater 74074] *Colinus virginianus.*

81-005911 Kilgore, Delbert L., Jr.; Geoffrey F. Birchard and Dona F. Boggs. BRAIN TEMPERATURES IN RUNNING QUAIL. *J. Appl. Physiol. Respir. Environ. Exercise Physiol.* 50(6):1277-1281. June 1981. WR 182
[Dep. Zool., Univ. Mont., Missoula 59812] *Colinus virginianus.*

81-005912 McRae, W. Alan and Ralph W. Dimmick. FIRST OCCURRENCES OF *CYRNEA COLINI* AND *DISPHARYNX* SP. IN BOBWHITES IN TENNESSEE. *J. Tenn. Acad. Sci.* 56(2):55-56. Apr. 1981. WR 182
[International Paper Co., Silver Lake Stn., Bainbridge, GA 31717] *Colinus virginianus.*

81-005913 Sweeney, James M.; C. Richard Wenger and Noel S. Yoho. BOBWHITE QUAIL FOOD IN YOUNG ARKANSAS LOBLOLLY PINE PLANTATIONS. *Univ. Arkansas Agric. Exp. Stn. Bull.* 852:1-18. Apr. 1981. WR 182
[Dep. Forestry, Univ. Ark., Monticello] *Colinus virginianus.*

COTURNIX

81-005914 Abalain, Jean-Hervé; Yolande Amet; Jean-Yves Daniel and Hervé H. Floch. INFLUENCE DE LA TESTOSTÉRONE SUR LES ACTIVITÉS ARN POLYMÉRASE I ET II DANS LES GLANDES UROPYGIENNES ET CLOACALES DE LA CAILLE MÂLE (*COTURNIX COTURNIX JAPONICA*). [INFLUENCE OF TESTOSTERONE ON THE RNA POLYMERASES I & II ACTIVITIES IN THE UROPYGIAL AND CLOACAL GLANDS OF MALE QUAIL *COTURNIX COTURNIX JAPONICA*.] *Gen. Comp. Endocrinol.* 44(1):189-193. June 1981. In French with English summ. WR 182
[Lab. Biochim., Fac. Med. de Brest, Ave. Camille Desmoulins, 29200 Brest, France]

81-005915 Boag, D. A. and J. H. Alway. HERITABILITY OF DOMINANCE STATUS AMONG JAPANESE QUAIL: A PRELIMINARY REPORT. *Can. J. Zool.* 59(3):441-444. Mar. 1981. In English with French summ. WR 182
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Coturnix coturnix*.

81-005916 Guyomarc'h, Catherine; Jean-Charles Guyomarc'h and Danielle-Hélène Garnier. INFLUENCE DE LA PERCEPTION DE VOCALISATIONS DE MÂLES SUR LA REPRODUCTION CHEZ LES FEMELLES DE *COTURNIX COTURNIX JAPONICA*. [INFLUENCE OF MALE VOCALIZATIONS ON THE REPRODUCTION OF QUAIL FEMALES (*COTURNIX COTURNIX JAPONICA*).] *Biol. Behav.* 6(2):167-182. 1981. In French with English summ. WR 182
[Lab. Ethol., Univ. Rennes, Campus de Beaulieu, F-35042 Rennes Cedex, France]

81-005917 Hürter, Thomas. ELEKTRONENMIKROSKOPISCHE UNTERSUCHUNGEN ZUR DEGENERATION DER DUNENFEDERMELANOZYTEN. [ELECTRON MICROSCOPIC INVESTIGATION OF THE MELANOCYTE DEGENERATION IN DOWN FEATHERS.] *J. Ornithol.* 122(2):187-195. Apr. 1981. In German with English summ. WR 182
[Max-Planck-Inst. Hirnforschung, Forschungsstelle Hirnkreislaufforschung, Ostmerheimerstraße 200, D-5000 Cologne 91, West Germany]

81-005918 Hill, K. G.; D. B. Lewis; M. E. Hutchings and R. B. Coles. DIRECTIONAL HEARING IN THE JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA*). *J. Exp. Biol.* 86:135-151. 1980. WR 182
[Dep. Biol., City London Polytechnic, Old Castle St., London E1 7NT, England]

81-005919 Kobayashi, Shin; Satoru Okamoto and Teruo Matsuo. [EFFECTS OF AHERMERAL LIGHT AND DARK CYCLES ON EGG PRODUCTION AND OVIPOSITION RHYTHM IN THE QUAIL (*COTURNIX COTURNIX JAPONICA*).] *Jpn. J. Zootech. Sci.* 52(1):39-46. Jan. 1981. In Japanese with English summ. WR 182
[Fac. Agric., Saga Univ., Saga-shi 840, Japan]

COTURNIX (CONTINUED)

81-005920 Konecka, Anna Maria and Hanna Majewska. EFFECT OF L-THYROXINE ON METABOLISM IN JAPANESE QUAILS (*COTURNIX COTURNIX JAPONICA*)--I. GLYCOLYTIC ENZYMES ACTIVITY IN LIVER AFTER MULTIPLE INJECTIONS OF L-THYROXINE. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(2):307-309. 1981. WR 182
[Inst. Genetics & Anim. Breeding, Polish Acad. Sci., 05-551 Jastrzębiec, Poland]

81-005921 Mason, Susan L. and Leigh C. Ward. BRANCHED CHAIN AMINO ACID METABOLISM IN TWO AVIAN SPECIES: *COTURNIX COTURNIX JAPONICA* AND *GALLUS DOMESTICUS*. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(2):265-272. 1981. WR 182
[Ward: Dep. Biochem., Univ. Queensland, St. Lucia, Brisbane, Queensland, Australia]

81-005922 McNabb, F. M. Anne; Richard T. Weirich and Roger A. McNabb. THYROID FUNCTION IN EMBRYONIC AND PERINATAL JAPANESE QUAIL. *Gen. Comp. Endocrinol.* 43(2):218-226. Feb. 1981. WR 182
[Dep. Biol., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Coturnix coturnix japonica*.

81-005923 Morgan, G. Wallace. HEMAGGLUTININ RESPONSES IN JAPANESE QUAIL TREATED WITH EXOGENOUS ADRENOCORTICOTROPHIN. *Poult. Sci.* 60(5):1071-1074. May 1980. WR 182
[Poultry Sci. Dep., P.O. Box 5188, Mississippi State, MS 39762] *Coturnix coturnix japonica*.

81-005924 Ottinger, Mary Ann and Murray R. Bakst. PERIPHERAL ANDROGEN CONCENTRATIONS AND TESTICULAR MORPHOLOGY IN EMBRYONIC AND YOUNG MALE JAPANESE QUAIL. *Gen. Comp. Endocrinol.* 43(2):170-177. Feb. 1981. WR 182
[Dep. Poult. Sci., Univ. Md., College Park 20742] *Coturnix coturnix japonica*.

81-005925 Scheib, D.; A. Guichard; Th. M. Mignot and L. Cedard. STEROIDOGENESIS BY GONADS OF NORMAL AND OF DIETHYLSTILBESTROL-TREATED QUAIL EMBRYOS: RADIOIMMUNOASSAYS ON ORGAN CULTURES. *Gen. Comp. Endocrinol.* 43(4):519-526. Apr. 1981. WR 182
[Inst. Embryol. CNRS, 49 bis Ave. de la Belle Gabrielle, 94130 Nogent sur Marne, France] *Coturnix coturnix japonica*.

81-005926 Thompson, R. K. R.; R. W. Foltin; R. J. Boylan; A. Sweet; C. A. Graves and C. E. Lowitz. TONIC IMMOBILITY IN JAPANESE QUAIL CAN REDUCE THE PROBABILITY OF SUSTAINED ATTACK BY CATS. *Anim. Learn. Behav.* 9(1):145-149. Feb. 1981. WR 182
[Franklin & Marshall Coll., Lancaster, PA 17604] *Coturnix coturnix japonica*.

81-005927 Wada, Masaru. PHOTOINDUCIBLE PHASE FOR GONADOTROPIN SECRETION ENTRAINED TO DAWN IN JAPANESE QUAIL. *Gen. Comp. Endocrinol.* 43(2):227-233. Feb. 1981. WR 182
[Inst. Med. & Dental Eng., Tokyo Med. & Dental Univ., Kanda-Suragadai, Chiyoda-ku, Tokyo 101, Japan] *Coturnix coturnix japonica*.

COTURNIX (CONTINUED)

81-005928 Yamada, Shizuhiro and Shin-ichi Mikami. IMMUNOCYTOCHEMICAL LOCALIZATION OF NEUROTENSIN-CONTAINING NEURONS IN THE HYPOTHALAMUS OF THE JAPANESE QUAIL, *COTURNIX COTURNIX JAPONICA*. *Cell Tissue Res.* 218(1):29-39. June 1981. WR 182
[Mikami: Dep. Veterinary Anat., Iwate Univ., Ueda 3, Morioka 020, Japan]

81-005929 Yasugi, Sadao and Takeo Mizuno. DEVELOPMENTAL CHANGES IN ACID PROTEASES OF THE AVIAN PROVENTRICULUS. *J. Exp. Zool.* 216(2):331-335. May 1981. WR 182
[Zool. Inst., Fac. Sci., Univ. Tokyo, Hongo, Tokyo, 113 Japan] *Coturnix coturnix japonica*.

RING-NECKED PHEASANT AND ALLIES

81-005930 Davison, G. W. H. SEXUAL SELECTION AND THE MATING SYSTEM OF *ARGUSIANUS ARGUS* (AVES: PHASIANIDAE). *Biol. J. Linn. Soc.* 15(2):91-104. Mar. 1981. WR 182
[Zool. Unit, Univ. Kebangsaan Malaysia, Jalan Pantai Baru, Kuala Lumpur, Malaysia]

81-005931 Grummt, Wolfgang. BEITRAG ZUR SYSTEMATIK UND FORTPFLANZUNGSBIOLOGIE DER IN GEFANGENSCHAFT GEHALTENEN WEIßEN OHRFASANEN, *CROSSOPTILON CROSSOPTILON* (HODGSON). [ON THE SYSTEMATICS AND REPRODUCTION IN CAPTIVE WHITE-EARED PHEASANTS *CROSSOPTILON CROSSOPTILON*.] *Milu* 5(1/2):103-116. 1980. In German with English summ. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-005932 Manabe, Noboru; Eimei Sato and Takehiko Ishibashi. [HISTOCHEMICAL ANALYSIS OF SKELETAL MUSCLE FIBERS IN THE COPPER PHEASANT *PHASIANUS SOEMMERRINGII*.] *Tori* 29(4):109-120. Mar. 1981. In Japanese with English summ. WR 182
[Dep. Anim. Sci., Coll. Agric., Kyoto Univ., Kitashirakawa, Sakyo-ku, Kyoto 606, Japan]

81-005933 Parmelee, David. SUPER CLUTCH, POOR HATCH, IN RING-NECKED PHEASANT NEST AT DULUTH, MINNESOTA. *Loon* 53(1):57. 1981. WR 182
[Bell Mus., Univ. Minn., Minneapolis 55455] *Phasianus colchicus*.

81-005934 Rathore, B. S. and S. S. Khera. NOTE ON CAUSES OF MORTALITY IN CAPTIVE PHEASANTS IN INDIA. *Indian J. Anim. Sci.* 51(1):121-123. Jan. 1981. WR 182
[Regional Stn., Indian Veterinary Res. Inst., Bangalore, India]

OTHER PHASIANIDAE

81-005935 Schütt, R. BEOBACHTUNGEN INTERSPEZIFISCHER AGGRESSIVITÄT BEI REBHÜHNERN (*PERDIX PERDIX*). [OBSERVATIONS OF INTERSPECIFIC AGGRESSION OF PARTRIDGES *PERDIX PERDIX*.] *Vogelwelt* 102(2):60-64.

OTHER PHASIANIDAE (CONTINUED)

81-005935 CONTINUED 1981. In German with English summ. WR 182
[Rostocker Straße 12, D-1000 Berlin 21, West Germany]

TURKEY

81-005936 Little, Terry W. and Kenneth L. Varland. REPRODUCTION AND DISPERSAL OF TRANSPLANTED WILD TURKEYS IN IOWA. *J. Wildl. Manage.* 45(2):419-427. Apr. 1981. WR 182
[Iowa Conserv. Comm., Wildl. Res. & Exhibit Stn., Boone 50036] *Meleagris gallopavo silvestris.*

81-005937 Sugihara, George and Katherine Heston. FIELD NOTES ON WINTER FLOCKS OF THE OCELLATED TURKEY (*AGRIOCHARIS OCELLATA*). *Auk* 98(2):396-398. Apr. 1981. WR 182
[Dep. Biol., Princeton Univ., Princeton, NJ 08544] Observations in Guatemala.

OTHER GALLINACEOUS BIRDS

81-005938 Sherry, D. F. PARENTAL CARE AND THE DEVELOPMENT OF THERMOREGULATION IN RED JUNGLEFOWL. *Behaviour* 76(3-4):250-279. 1981. In English with German summ. WR 182
[Dep. Psychol., Univ. Toronto, Toronto, Ontario, Canada] *Gallus gallus.*

81-005939 Van Niekerk, J. H. SOME SOCIO-BIOLOGICAL FEATURES OF CROWNED GUINEAFOWL IN THE KRUGERSDORP GAME RESERVE. *Bokmakierie* 32(4):102-108. Dec. 1980. WR 182
[18 Lovedale Ave., Silverfields, Krugersdorp 1740, South Africa] *Numida meleagris* in South Africa.

DOVES AND PIGEONS

81-005940 Al Falluji, M. M.; F. Al Sheikhly and H. H. Tantawi. VIRAL ENCEPHALOMYELITIS OF PIGEONS: PATHOLOGY AND VIRUS ISOLATION. *Avian Dis.* 23(4):777-784. Oct.-Dec. 1979. WR 182
[Dep. Microbiol. & Pathol., Coll. Vet. Med., Univ. Baghdad, Baghdad, Iraq]

81-005941 Balthazart, J.; C. Reboulleau and M.-F. Cheng. DIURNAL VARIATIONS OF PLASMA FSH, LH, AND TESTOSTERONE IN MALE RING DOVES KEPT UNDER DIFFERENT PHOTOPERIODS. *Gen. Comp. Endocrinol.* 44(2):202-206. June 1981. WR 182
[Lab. Biochim. Générale & Comparée, Univ. Liège, Liège, Belgium] *Streptopelia risoria.*

DOVES AND PIGEONS (CONTINUED)

81-005942 Balthazart, Jacques; Claire Balthazart-Raze and Mei-Fang Cheng. HORMONAL CONTROL OF THE GONADAL REGRESSION AND RECOVERY OBSERVED IN SHORT DAYS IN MALE AND FEMALE DOVES. *J. Endocrinol.* 89(1):79-89. Apr. 1981. WR 182
[Lab. Biochim. Gén. & Comp. Univ. Liège, Liège, Belgium] *Streptopelia risoria.*

81-005943 Barattini, Silvana; Benedetta Battisti; L. Cervetto and P. Marroni. DIURNAL CHANGES IN THE PIGEON ELECTRORETINOGRAM. *Rev. Can. Biol.* 40(1):133-137. Mar. 1981. In English with French summ. WR 182
[Lab. Neurofisiol. C. N. R., Inst. Anat. & Istol. Veterinaria, Univ. Pisa, Via S. Zeno, 56100 Pisa, Italy] *Columba livia.*

81-005944 Bartnicki, Eugene A. INCA DOVE IN COMANCHE COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 12(4):31-32. Dec. 1979. WR 182
[Wichita Mountains Wildl. Refuge, Cache, OK 73527] *Scardafella inca.*

81-005945 Bub, Hans. ZUM VORKOMMEN DER MEENATAUBE, *STREPTOPELIA ORIENTALIS*, AUF HELGOLAND. [ON THE OCCURRENCE OF THE RUFOUS TURTLE DOVE *STREPTOPELIA ORIENTALIS* IN HELIGOLAND.] *Beitr. Vogelkd.* 27(2):123-124. 1981. In German. WR 182
[Inst. Vogelforschung "Vogelwarte Helgoland", D-2940 Wilhelmshaven, West Germany]

81-005946 Chitampalli, M. B. OCCURRENCE OF AND SOME OBSERVATIONS ON THE PURPLE WOOD PIGEON IN MAHARASHTRA (BHANDARA DISTRICT). *J. Bombay Nat. Hist. Soc.* 74(3):527-528. Dec. 1977. WR 182
[Nawegaon Bandh, Bhandara District, Maharashtra State, India] *Columba punicea.*

81-005947 Coombs, C. F. B.; A. J. Isaacson; R. K. Murton; R. J. P. Thearle and N. J. Westwood. COLLARED DOVES (*STREPTOPELIA DECAOCTO*) IN URBAN HABITATS. *J. Appl. Ecol.* 18(1):41-62. Apr. 1981. WR 182
[Minist. Agric., Fisheries & Food, Agric. Sci. Serv., Worplesdon Lab., Worplesdon, Guildford, Surrey, England]

81-005948 Coon, Richard A.; James D. Nichols and H. Franklin Percival. IMPORTANCE OF STRUCTURAL STABILITY TO SUCCESS OF MOURNING DOVE NESTS. *Auk* 98(2):389-391. Apr. 1981. WR 182
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811] *Zenaida macroura* in Maryland.

81-005949 Earlé, R. A. AN UNUSUAL NEST OF THE ROCK PIGEON. *Bokmakierie* 33(1):6-7. Mar. 1981. WR 182
[Dep. Zool., Univ. Natal, Pietermaritzburg 3200, South Africa] *Columba guinea.*

81-005950 Epstein, Robert; Robert P. Lanza and B. F. Skinner. "SELF-AWARENESS" IN THE PIGEON. *Science* 212(4495):695-696. 8 May 1981. WR 182
[Dep. Psychol. & Social Relations, Harvard Univ., Cambridge, MA 02138] *Columba livia.*

DOVES AND PIGEONS (CONTINUED)

81-005951 Fairbairn, Patrick and Anne Haynes. ZENAIDA DOVES AT ELIM. *Gosse Bird Club Broadsheet* No. 35. p. 5-7. Sept. 1980. WR 182
[Box 1225, Kingston 8, Jamaica] *Zenaida macroura*, *Z. aurita* and *Z. asiatica*.

81-005952 Foà, Augusto and Emanuela Albonetti. DOES FAMILIARITY WITH THE RELEASE SITE INFLUENCE THE INITIAL ORIENTATION OF HOMING PIGEONS? EXPERIMENTS WITH CLOCK-SHIFTED BIRDS. *Z. Tierpsychol.* 54(4):327-338. 1980. In English with German summ. WR 182
[Max-Planck-Inst. Verhaltensphysiologie, D-8131 Seewiesen, West Germany] *Columba livia*.

81-005953 Klint, Thorsten and Kerstin Holmberg. MEASUREMENTS OF PARENTAL INVESTMENT. *Nem. Soc. Fauna Flora Fenn.* 57(1):8. 1981. Abstract only. WR 182
[Inst. Zool., Univ. Stockholm, Box 6001, Rådmansgatan 70A, 11386 Stockholm, Sweden] *Columba livia*.

81-005954 Kumar, Ashoke. ASSISTED MIGRATION OF BIRDS BY SHIPS. *J. Bombay Nat. Hist. Soc.* 74(3):531-532. Dec. 1977. WR 182
[4 National Tower, 13 Loudon St., Calcutta-700 017, India] *Streptopelia senegalensis*.

81-005955 Löhrl, Hans. ZWEI EXTREM GEFÄHRDETE TAUBEN DES LORBEERWALDES, *COLUMBA (TROCAZ) BOLLII* UND *C. JUNONIAE* AUF TENERIFFA. [TWO EXTREMELY ENDANGERED PIGEONS OF THE LAUREL FOREST, *COLUMBA BOLLII* AND *C. JUNONIAE*, ON TENERIFE.] *J. Ornithol.* 122(2):173-180. Apr. 1981. In German with English summ. WR 182
[Edelweiler, D-7293 Pfalzgrafenweiler 2, West Germany]

81-005956 Melde, Manfred. DIE TÜRKENTAUBE, *STREPTOPELIA DECAOCTO*, VERWÄLDERT. [THE COLLARED TURTLED DOVE *STREPTOPELIA DECAOCTO* IN A WOODED AREA.] *Beitr. Vogelkd.* 26(1):60. 1980. In German. WR 182
[Schulstraße 2, DDR-8291 Biehla, East Germany]

81-005957 Nelson, Lee K. MOURNING DOVE NESTING STUDY. *Ky. Warbler* 57(2):31-34. May 1981. WR 182
[Rt. 3, Owensboro, KY 42301] *Zenaida macroura* in Kentucky.

81-005958 Perry, Matthew C.; George H. Haas and James W. Carpenter. RADIO TRANSMITTERS FOR MOURNING DOVES: A COMPARISON OF ATTACHMENT TECHNIQUES. *J. Wildl. Manage.* 45(2):524-527. Apr. 1981. WR 182
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811] *Zenaida macroura*.

81-005959 Pond, Cynthia L. and Howard G. Rush. INFECTION OF WHITE CARNEAUX PIGEONS (*COLUMBA LIVIA*) WITH *NYCOBACTERIUM AVIUM*. *Lab. Anim. Sci.* 31(2):196-199. Apr. 1981. WR 182
[Rush: Univ. Mich. Med. School, Ann Arbor 48109]

81-005960 Sayre, Mark W.; Thomas S. Baskett and Peggy Books Blenden. EFFECTS OF RADIO-TAGGING ON BREEDING BEHAVIOR OF MOURNING DOVES. *J. Wildl. Manage.* 45(2):428-434. Apr. 1981. WR 182

DOVES AND PIGEONS (CONTINUED)

81-005960 CONTINUED
[School For., Fisheries & Wildl., Univ. Mo., Columbia 65211] *Zenaida macroura*.

81-005961 Tamm, Staffan. BIRD ORIENTATION: SINGLE HOMING PIGEONS COMPARED WITH SMALL FLOCKS. *Behav. Ecol. Sociobiol.* 7(4):319-322. 1980. WR 182
[Dep. Zool., Div. Ecol., Univ. Stockholm, S-113 86 Stockholm, Sweden]

81-005962 Tantawi, H. H.; J. M. Al-Abdulla; N. Abdul-Mohaimen and M. S. Yonan. VIRAL ENCEPHALOMYELITIS OF PIGEONS. VI. SOME PHYSICO-CHEMICAL PROPERTIES OF THE VIRUS AND EXTRACTED VIRAL DNA. *Avian Dis.* 25(2):272-278. Apr.-June. 1981. WR 182
[Dep. Microbiol., Coll. Veterinary Med., Univ. Baghdad, Baghdad, Iraq]

81-005963 Tantawi, H. H.; M. M. Al Falluji and F. Al Sheikhly. VIRAL ENCEPHALOMYELITIS OF PIGEONS: INDENTIFICATION AND CHARACTERIZATION OF THE VIRUS. *Avian Dis.* 23(4):785-793. Oct.-Dec. 1979. WR 182
[Dep. Microbiol. & Pathol., Coll. Vet. Med., Univ. Baghdad, Baghdad, Iraq]

81-005964 Vikberg, Pentti. SEPELKYYHKY (*COLUMBA PALUMBUS*) VILJELYSTEN VAHINKOLINTUNA SUOMESSA. [THE WOOD PIGEON (*COLUMBA PALUMBUS*) AS A PEST IN CULTIVATED FIELDS IN FINLAND.] *Suomen Riista* 27:59-62. 1980. In Finnish with English summ. WR 182
[Hunters' Cent. Organization, Fredrikinkatu 47, SF-00100 Helsinki 10, Finland]

81-005965 Vikberg, Pentti. SEPELKYYHKYN VILJELYKSILLE AIHEUTTAMISTA VAHINGOISTA. [DAMAGE TO CROPS BY THE WOOD PIGEON.] *Suomen Riista* 28:37-41. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland] *Columba palumbus* in Finland.

81-005966 Wilkie, Donald M.; Marcia L. Spetch and Leslie G. Leader. CONTROL OF PIGEONS' KEYPECKING BY THE LEFT-RIGHT ARRANGEMENT OF STIMULI. *Anim. Learn. Behav.* 9(1):2-8. Feb. 1981. WR 182
[Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] *Columba livia*.

81-005967 Wilkie, Donald M.; Marcia L. Spetch and Lincoln Chew. THE RING DOVE'S SHORT-TERM MEMORY CAPACITY FOR SPATIAL INFORMATION. *Anim. Behav.* 29(2):639-641. May 1981. WR 182
[Dep. Psychol., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] *Streptopelia risoria*.

81-005968 Yorke, Ellen D. SENSITIVITY OF PIGEONS TO SMALL MAGNETIC FIELD VARIATIONS. *J. Theor. Biol.* 89(3):533-537. 7 Apr. 1981. WR 182
[Dep. Physics, Univ. Md., Catonsville 21228] *Columba livia*.

WATERBIRDS

81-005969 Breen, Lorraine L. BROWN PELICAN AND WOOD STORK NESTING SURVEY, MERRITT ISLAND NATIONAL WILDLIFE REFUGE, FLORIDA, 1980. *Fla. Sci.* 44(suppl. 1):36. 1981. Abstract only. WR 182
[Merritt Island Natl. Wildl. Refuge, P.O. Box 6504, Titusville, FL 32780] *Pelecanus occidentalis* and *Mycteria americana*.

81-005970 Desgranges, Jean-Luc. COMPÉTITION ENTRE LE CORMORAN À AIGRETTES ET LE GRAND HÉRON AU MOMENT DE LA NIDIFICATION. [COMPETITION BETWEEN DOUBLE-CRESTED CORMORANTS AND GREAT BLUE HERON AT NESTING TIME.] *Nat. Can. (Que.)* 107(3):199-200. 1980. In French with English summ. WR 182
[2700 Blvd. Laurier, C.P. 10100 Ste-Foy, Québec G1V 4H5 Canada] *Phalacrocorax auritus* and *Ardea herodias* in Canada.

81-005971 Haga, Atle. FORVALTNING AV SMÅLOM OG TRANE I SØRØST NORGE. [MANAGEMENT OF THE RED-THROATED DIVER AND THE CRANE IN SOUTHEASTERN NORWAY.] *Fauna (Oslo)* 33(4):129-136. 1980. In Norwegian with English summ. WR 182
[Zool. Inst., Univ. Oslo, Blindern, N-Oslo 3, Norway] *Gavia stellata* and *Grus grus* in Norway.--Courtesy/Jon Swenson.

81-005972 Hanssen, Ole Jørgen. BESTANDSFORHOLDENE HOS NOEN SKJÆRGÅRDSFUGLER I ØSTFOLD, 1977-1978. [THE OCCURRENCE OF SOME BREEDING BIRDS IN THE ØSTFOLD ARCHIPELAGO 1977-1978.] *Fauna (Oslo)* 33(2):56-63. 1980. In Norwegian with English summ. WR 182
[Hassingvn. 11, N-1600 Fredrikstad, Norway] The population of 22 spp. of aquatic birds was estimated during the breeding season in a coastal area of Norway.--Courtesy/Jon Swenson

81-005973 Knight, G. C.; C. H. Walker; D. C. Cabot and M. P. Harris. THE ACTIVITY OF TWO HEPATIC MICROSOMAL ENZYMES IN SEA BIRDS. *Comp. Biochem. Physiol. C Comp. Pharmacol.* 68(2):127-132. 1981. WR 182
[Dep. Physiol. & Biochem., The University, Whiteknights, Reading RG6 2AJ, England] Data for 8 spp.

81-005974 Merilä, Eino and Pentti Vikberg. NOUSEVAN MERIVEDEN UHKAAMIEN VESI- JA LOKKILINTUJEN PESIEN KEINOLLINEN KOROTTAMINEN. [ARTIFICIAL RAISING OF THE NESTS OF ANATIDAE AND LARIDAE. A MANAGEMENT EXPERIMENT TO SAVE THE NESTS THREATENED BY THE EXCEPTIONALLY HIGH SEAWATER.] *Suomen Riista* 28:118-122. 1980. In Finnish with English summ. WR 182
[Itäkangastie 12 A 4, SF-90500 Oulu 50, Finland]

81-005975 Marchant, J. H. and P. A. Hyde. POPULATION CHANGES FOR WATERWAYS BIRDS, 1974-78. *Bird Study* 26(4):227-238. Dec. 1979. WR 182
[Populations Sect., British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England]

81-005976 Nilsson, Leif. UTBREDNINGEN I MARS AV ÄNDER, SVANAR OCH SOTHÖNS UTMED DEN SKÄNSKA KUSTEN 1966 SAMT 1976-1979. [DISTRIBUTION IN MARCH OF DUCKS, SWANS AND COOTS ALONG THE COAST OF SKÅNE SOUTH SWEDEN IN 1966 AND 1976-79.] *Anser* 19(1):11-18. 1980. From Ecol. Abstr. 1980/6:80L/8329. 1980. In Swedish with English summ. WR 182

WATERBIRDS (CONTINUED)

81-005977 Symonds, Fraser L. A SURVEY OF BREEDING WADERS AND WILDFOWL IN CAITHNESS. *Wader Study Group Bull.* No. 31. p. 9. Apr. 1981. Abstract only. WR 182
[Weir House, Nidd Bank, Knaresborough, N. Yorks., England]

81-005978 Tanner, M. F. WILDFOWL, RESERVOIRS AND RECREATION. *Water Space Amenity Comm. Res. Rep.* 5:1-40. 1979. From Ecol. Abstr. 1980/5:80L/7289. 1980. WR 182

WATERFOWL--GENERAL

81-005979 Bellrose, Frank C. and Robert C. Crompton. MIGRATION SPEEDS OF THREE WATERFOWL SPECIES. *Wilson Bull.* 93(1):121-124. Mar. 1981. WR 182
[Ill. Nat. Hist. Surv., Havana 62644] *Branta canadensis, Anser c. caerulescens* and *Anas platyrhynchos* in Illinois.

81-005980 Godø, Gunnar. FOREKOMST AV ANDEFUGL (ANSERIFORMES) I SOGN OG FJORDANE. [WATERFOWL (ANSERIFORMES) IN SOGN AND FJORDANE COUNTY.] *Fauna (Oslo)* 33(2):67-73. 1980. In Norwegian with English summ. WR 182
[Steinvågveien 4, N-6000 Ålesund, Norway] The status, distribution and size of breeding populations are given for the 32 spp. of waterfowl which have been observed in Norway.--Courtesy/Jon Swenson.

81-005981 Harris, H. J., Jr.; Janet A. Ladowski and Donald J. Worden. WATER-QUALITY PROBLEMS AND MANAGEMENT OF AN URBAN WATERFOWL SANCTUARY. *J. Wildl. Manage.* 45(2):501-507. Apr. 1981. WR 182
[Coll. Environ. Sci., Univ. Wis., Green Bay 54302]

81-005982 Kaminski, Richard M. and Henry R. Murkin. EVALUATION OF TWO DEVICES FOR SAMPLING NEKTONIC INVERTEBRATES. *J. Wildl. Manage.* 45(2):493-496. Apr. 1981. WR 182
[Ducks Unlimited, 1190 Waverly St., Winnipeg, Manitoba, R3T 2E2, Canada]

81-005983 Klint, Thorsten. KÜNSBESTÄMNING AV ANDUNGAR. [SEXING OF DUCKLINGS.] *Vår Fågelvärld* 40(2):105-109. 1981. In Swedish with English summ. WR 182
[Zool. Inst., Box 6801, 113 86 Stockholm, Sweden]

81-005984 Lampio, Teppo. KOHTI SÄÄSTELIÄÄMPÄÄ VESILINTUJEN VEROTUSTA. [RATIONALIZED HARVESTING OF WATERFOWL.] *Suomen Riista* 27:6-10. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland]

81-005985 Maxson, George-Ann D. WATERFOWL USE OF A MUNICIPAL SEWAGE LAGOON. *Prairie Nat.* 13(1):1-12. Mar. 1981. WR 182
[Cedar Creek Nat. Hist. Area, 2660 Fawn Lake Dr. NE, Bethel, MN 55005]

81-005986 Nudds, Thomas David. RESOURCE VARIABILITY, COMPETITION AND THE STRUCTURE OF WATERFOWL COMMUNITIES. *Ph.D. dissertation, Univ. Western Ontario* 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4416. June 1981. WR 182

WATERFOWL--GENERAL (CONTINUED)

81-005987 Nyholm, Erik S. HAILUODON KIRKKOSALMEN JA ISOMATALAN LINTULASKENNAT VUOSINA 1958-1961. [AIR CENSUS AT KIRKKOSALMI AND ISOMATALA ON THE ISLAND OF HAILUOTO DURING 1958-1961.] *Suomen Riista* 27:38-50. 1980. In Finnish with English summ. WR 182
[SF-93600 Kuusamo, Finland] Waterfowl studies in Finland.

81-005988 Pulliainen, Erkki. LOKAN TEKOALTAAN VESILINNUSTON JA SORSASAALIIN KOOSTUMUKSESTA ALTAAN TÄYTTÖVAIHEEN AIKANA. [A STUDY OF WATERFOWL AND WATERFOWL BAG AT LOKKA RESERVOIR DURING THE FILLING STAGE.] *Suomen Riista* 27:19-31. 1980. In Finnish with English summ. WR 182
[Dep. Agric. & Forest Zool., Univ. Helsinki, SF-00710 Helsinki 71, Finland]

81-005989 Saeijs, H. L. F. and H. J. M. Baptist. COASTAL ENGINEERING AND EUROPEAN WINTERING WETLAND BIRDS. *Biol. Conserv.* 17(1):63-83. Jan. 1980. WR 182
[Public Works Dep., Delta Project Dep., Environ. Res. Sect., P.O. Box 439, 4330 AK Middelburg, Netherlands]

81-005990 Saunders, George B. and Dorothy Chapman Saunders. WATERFOWL AND THEIR WINTERING GROUNDS IN MEXICO, 1937-64. *U.S. Fish Wildl. Serv. Resour. Publ.* 138:vi + 151p. Apr. 1981. WR 182
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811]

DUCKS

81-005991 Brglez, J. *ANATINELLA SPINULOSA* (DUBININA, 1953) SPASSKY, 1963, IN *DICRANOTAENIA CORONULA* (DUJARDIN, 1845) RAILLIET, 1892, PRI PLOJKOKLJUNIH V SLOVENIJI. [*ANATINELLA SPINULOSA* (DUBININA, 1953) SPASSKY, 1963 AND *DICRANOTAENIA CORONULA* (DUJARDIN, 1845) RAILLIET, 1892 IN ANSERIFORMES IN SLOVENIA.] *Zb. Bioteh. Fak. Univ. Ljublj. Vet.* 17(2):203-212. 1980. In Slovene with English summ. WR 182
Anas crecca and *A. platyrhynchos*.

81-005992 Bristol, John R.; Lillian F. Mayberry; Rudy Bueno and Albert G. Canaris. COCCIDIA OF SURFACE-FEEDING DUCKS FROM THE CENTRAL FLYWAY, TEXAS. *J. Parasitol.* 67(2):276-277. Apr. 1981. WR 182
[Dep. Biol. Sci., Univ. Tex., El Paso 79968] Data for 7 spp. of *Anas*.

81-005993 Burgess, E. C.; J. Ossa and T. M. Yuill. DUCK PLAGUE: A CARRIER STATE IN WATERFOWL. *Avian Dis.* 23(4):940-949. Oct.-Dec. 1979. WR 182
[Dep. Vet. Sci., Univ. Wis., Madison 53706]

81-005994 Buxton, N. E. and C. M. Young. THE FOOD OF THE SHELDUCK IN NORTH-EAST SCOTLAND. *Bird Study* 28(1):41-48. Mar. 1981. WR 182
[42 Aird Tong, Isle of Lewis, Western Isles, United Kingdom] *Tadorna tadorna*.

81-005995 Byers, Steven M. and Robert A. Montgomery. STRESS RESPONSE OF CAPTIVE MALLARDS TO NASAL SADDLES. *J. Wildl. Manage.* 45(2):498-501. Apr. 1981. WR 182
[Max McGraw Wildl. Foundation, Dundee, IL 60118] *Anas platyrhynchos*.

DUCKS (CONTINUED)

81-005996 Casalis de Pury, R. J. and P. B. Taylor. EXCEPTIONAL NUMBERS OF PINTAIL *ANAS ACUTA* AT LUANSHYA, ZAMBIA IN 1979/1980. *Scopus* 4(4):90-92. Dec. 1980. WR 182
[Box 90456, Luanskhya, Zambia]

81-005997 Corrick, A. H. FRECKLED DUCK ON LAKES IN THE WESTERN DISTRICT, VICTORIA. *Aust. Bird Watcher* 8(8):254-255. Dec. 1980. WR 182
[Minist. Conserv., Arthur Rylah Inst. Environ. Res., 123 Brown St., Heidelberg, Victoria 3084, Australia] *Stictonetta naevosa*.

81-005998 Ellsworth, Adelaide F. and Mary L. Ellsworth. B-LYMPHOCYTE CELLS IN LYMPHATIC TISSUE OF THE DUCK, *ANAS PLATYRHYNCHOS*. *Avian Dis.* 25(2):521-527. Apr.-June. 1981. WR 182
[Dep. Pathobiol., Univ. Conn., Storrs 06268]

81-005999 Folkestad, Alv Ottar. RINGAND *AYTHYA COLLARIS*, HO, OBSERVERT I GRIMSTADVANNET, HAREID 1978. [RING-NECKED DUCK *AYTHYA COLLARIS* RECORDED FROM NORWAY 1978.] *Vår Fuglefauna* 2(1):25-29. 1979. In Norwegian with English summ. WR 182
[N-6074 Eiksund, Norway] The fourth record from Norway.--Courtesy/Jon Swenson.

81-006000 Franson, J. Christian and Dirk V. Derksen. RENAL COCCIDIOSIS IN OLDSQUAWS (*CLANGULA HYEMALIS*) FROM ALASKA. *J. Wildl. Dis.* 17(2):237-239. Apr. 1981. WR 182
[Patuxent Wildl. Res. Cent., Laurel, MD 20811]

81-006001 Géroudet, Paul. PASSAGES INSOLITES DE TADORNES DE BELON, *TADORNA TADORNA*, SUR LE LÉMAN. [UNUSUAL FLIGHTS OF THE SHELDUCK OVER LEMAN.] *Nos Oiseaux* 36(1):33-34. Mar. 1981. In French. WR 182
[37 Ave. de Champel, CH-1206, Geneva, Switzerland]

81-006002 Grimm, Peter. FUND EINER PARTIELLALBINOTISCHEN TRAUERENTE (*MELANITTA NIGRA*). [FINDING OF A PARTIAL ALBINO COMMON SCOTER *MELANITTA NIGRA*.] *Beitr. Vogelkd.* 27(1):54. 1981. In German. WR 182
[Willi-Bredel-Straße 9, DDR-2700 Schwerin-Weststadt, East Germany]

81-006003 Håland, Arnold; John Atle Kålåsi; Lars Løfaldli and Ingvar Byrkjedal. SIZE, SEX RATIO AND AGE COMPOSITION OF THE URBAN WINTER POPULATION OF MALLARDS *ANAS PLATYRHYNCHOS* IN BERGEN, WESTERN NORWAY. *Fauna Norv. Ser. C Cinclus* 3(2):65-69. 1980. In English with Norwegian summ. WR 182
[Zool. Mus., Univ. Bergen, Musepl. 3, N-5014 Bergen/U., Norway] Courtesy/Jon Swenson.

81-006004 Haldås, Sigmund. HØY ALDER HOS ÆRFUGL. [LONG LIVING EIDERS.] *Fauna (Oslo)* 33(4):160-161. 1980. In Norwegian with English summ. WR 182
[Gannelveinen 20, N-7720 Malm, Norway] Two female *Somateria mollissima*, banded as breeding adults, were recaptured when at least 14 and 16 years old. Both were banded and recaptured in Norway.--Courtesy/Jon Swenson.

81-006005 Hanssen, Ole Jørgen. HEKKEBESTANDEN AV ÆRFUGL *SOMATERIA MOLLISSIMA* I ØSTFOLD. [THE BREEDING POPULATION OF THE COMMON EIDER *SOMATERIA MOLLISSIMA* IN ØSTFOLD.] *Fauna (Oslo)*

DUCKS (CONTINUED)

81-006005 CONTINUED 32(1):14-18. 1979. In Norwegian with English summ. WR 182
[Hassingvn. 11, N-1600 Fredrikstad, Norway] Courtesy/Jon Swenson.

81-006006 Hanssen, Ole Jørgen. FORANDRINGER I HEKKEBESTANDEN AV ÆRFUGL I ØSTFOLD I DE SISTE TYVE ÅR. [CHANGES IN THE ABUNDANCE OF COMMON EIDERS *SOMATERIA MOLLISSIMA* IN ØSTFOLD, SOUTHEASTERN NORWAY, DURING THE LAST TWENTY YEARS.] *Fauna (Oslo)* 33(4):140-143. 1980. In Norwegian with English summ. WR 182
[Zool. Mus., Sarsgt. 1, N-Oslo 5, Norway] Courtesy/Jon Swenson.

81-006007 Hirst, Stanley M. and Christopher A. Easthope. USE OF AGRICULTURAL LANDS BY WATERFOWL IN SOUTHWESTERN BRITISH COLUMBIA. *J. Wildl. Manage.* 45(2):454-462. Apr. 1981. WR 182
[Environ. & Socio-Econ. Serv. Dep., British Columbia Hydro & Power Authority, 555 W. Hastings St., Vancouver, British Columbia V6B 4T6 Canada] *Anas* spp.

81-006008 Hoyt, Donald F.; Ronald G. Board; Hermann Rahn and Charles V. Paganelli. THE EGGS OF THE ANATIDAE: CONDUCTANCE, PORE STRUCTURE, AND METABOLISM. *Physiol. Zool.* 52(4):438-450. Oct. 1979. WR 182
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

81-006009 Hyland, Joseph M. and P. Joseph Gabig. SURVIVAL AND RECOVERY DISTRIBUTION OF CENTRAL AND WESTERN MISSISSIPPI FLYWAY WINTER-BANDED MALLARDS. *Nebr. Game Parks Comm. Tech. Ser.* No. 6. 132p. 1980. WR 182
[Nebr. Game & Parks Comm., 2200 N. 33rd St., Lincoln 68503] *Anas platyrhynchos*.

81-006010 Itämies, Juhani; E. Tellervo Valtonen and Hans-Peter Fagerholm. *POLYMORPHUS MINUTUS* (ACANTHOCEPHALA) INFESTATION IN EIDERS AND ITS ROLE AS A POSSIBLE CAUSE OF DEATH. *Ann. Zool. Fenn.* 17(4):285-289. 1980. WR 182
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland] *Somateria mollissima* in Finland.

81-006011 Kaakinen, Kimmo and Ari Lahtinen. SINISORSAN TALVEHTIMISESTA OULUSSA. [A STUDY OF THE MALLARD POPULATION WINTERING IN OULU.] *Suomen Riista* 27:32-37. 1980. In Finnish with English summ. WR 182
[Kollaantie 4 E 8, SF-90140 Oulu 14, Finland] *Anas platyrhynchos* in Finland.

81-006012 Lampio, Teppo. HELSINGIN KESYT HAAPANAT. [THE TAME WIGEONS (*ANAS PENELOPE*) OF HELSINKI.] *Suomen Riista* 28:49-58. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland]

81-006013 Lazarus, John; Ian Inglis and Rebecca Torrance. THE BREEDING OF THE HARLEQUIN DUCK IN ICELAND. *WAGBI Mag.* p. 12-15. 1979. From Ecol. Abstr. 1980/6:80L/8261. 1980. WR 182
H. histrionicus.

DUCKS (CONTINUED)

81-006014 Lund, Hj. Munthe-Kaas. OM ÆRFUGLHEKKING INNENFOR DRØBAK. [ON BREEDING *SOMATERIA MOLLISSIMA* IN INNER OSLOFJORD.] *Fauna (Oslo)* 33(4):157-158. 1980. In Norwegian with English summ. WR 182
[Zool. Mus. Sarsgt. 1, N-Oslo 5, Norway] The first record of the common eider breeding in inner Oslofjord, Norway, for over 100 years.--Courtesy/Jon Swenson.

81-006015 Moeliker, C. W. (Kees) and Michiel M. Hendriks. AMERIKAANSE ZWARTE ZEEËEND OP OOSTVOORNSE MEER IN NOVEMBER 1977. [AMERICAN COMMON SCOTER ON OOSTVOORNSE MEER IN NOVEMBER 1977.] *Dutch Birding* 2(4):126-127. Jan. 1981. In Dutch with English summ. WR 182
[Oude Raadhuislaan 43a, 3054 NP Rotterdam, Netherlands] *Melanitta nigra americana* in the Netherlands.

81-006016 Moksnes, Arne and Per Gustav Thingstad. ÆRFUGLETRÆKKET *SOMATERIA MOLLISSIMA*, ØSTOVER FRA TRONDHEIMSFJORDEN. [THE EIDER MIGRATION FROM TRONDHEIMSFJORDEN.] *Vår Fuglefauna* 3(2):84-96. 1980. In Norwegian with English summ. WR 182
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway] There are observations of eiders migrating overland eastward from Trondheimsfjord in the spring and returning in the fall. This population, which probably numbers about 3500-4000, apparently nests in northern Sweden and winters on the coast of central Norway.--Courtesy/Jon Swenson.

81-006017 Olsen, Ove and Oddvin Lund. FOREKOMST OG HEKKING AV TAFFELAND *AYTHYA FERINA*, I HELLESJØVANNET 1974-1979. [THE STATUS OF THE POCHARD BREEDING AT HELLESJØVANNET ØSTFOLD COUNTY.] *Vår Fuglefauna* 3(2):102-105. 1980. In Norwegian with English summ. WR 182
[N-1960 Løken i Høland, Norway] The increase of this new arrival to Norway is documented at a lake in southeastern Norway.--Courtesy/Jon Swenson.

81-006018 Owen, Myrfyn. THE DURATION OF THE FLIGHTLESS PERIOD IN FREE-LIVING MALLARD. *Bird Study* 26(4):267-269. Dec. 1979. WR 182
[The Wildfowl Trust, Slimbridge, Gloucestershire GL2 7BT, England] *Anas platyrhynchos* in Britain.

81-006019 Paton, Peter W. C. THE KOLOA (HAWAIIAN DUCK) ON THE ISLAND OF HAWAII. *'Elepaio* 41(12):131-133. June 1981. WR 182
[681-B Manono St., Hilo, HI 96720] *Anas wyvilliana*.

81-006020 Piccirillo, V. J. and R. P. Quesenberry. REPRODUCTIVE CAPACITIES OF CONTROL MALLARD DUCKS (*ANAS PLATYRHYNCHOS*) DURING A ONE-GENERATION REPRODUCTION STUDY. *J. Environ. Pathol. Toxicol.* 4(5&6):137-139. Nov. 1980. WR 182
[Borriston Res. Lab., Inc., Temple Hills, MD 20031]

81-006021 Scheibel, Michael S. ATTEMPTED BREEDING BY HOODED MERGANSERS IN SUFFOLK COUNTY. *Kingbird* 31(2):77-78. 1981. WR 182
[N.Y. State Dep. Environ. Conserv., Bldg. 40, State Univ. N.Y., Stony Brook 11794] *Mergus cucullatus* in New York.

81-006022 Sellin, Dietrich. BEOBACHTUNGEN ZUR SOZIALEN FEINDABWEHR DER BRANDGANS, *TADORNA TADORNA*. [OBSERVATIONS ON THE SOCIAL HOSTILE DEFENSE OF THE SHELDUCK *TADORNA TADORNA*.] *Beitr. Vogelkd.* 26(6):359-360.

DUCKS (CONTINUED)

81-006022 CONTINUED 1980. In German. WR 182
[Dubnaring 1, DDR-2200 Greifswald, East Germany]

81-006023 Sollien, Asbjørn. MANDARINANDA *AIX GALERICULATA*, I NORGE. [THE MANDARIN DUCK IN NORWAY.] *Vår Fuglefauna* 2(1):29-33. 1979. In Norwegian with English summ. WR 182
[A 111, N-7035 Moholt, Norway] Courtesy/Jon Swenson.

81-006024 Sperling, Dietmar. MAIBEOBACHTUNG DES ZWERGSÄGERS (*MERGUS ALBELLUS*) IN DER OBERLAUSITZ. [MAY OBSERVATION OF THE SMEW *MERGUS ALBELLUS* IN OBERLAUSITZ [EAST GERMANY].] *Beitr. Vogelkd.* 26(5):297. 1980. In German. WR 182
[Juri-Gagarim-Straße 26, DDR-8600 Bautzen, East Germany]

81-006025 Stowe, C. M.; D. M. Barnes and T. D. Arendt. ETHYLENE GLYCOL INTOXICATION IN DUCKS. *Avian Dis.* 25(2):538-541. Apr.-June. 1981. WR 182
[Univ. Minn., St. Paul 55108] "Some tame, some wild."

81-006026 Tyrberg, Tommy. STORSKRAKAR UTNYTTJAR MÅSFÅGLAR FÖR ATT LOKALISERA FISKSTIM. [GOOSANDERS *MERGUS MERGANSER* USING GULLS TO LOCATE FISH SHOALS.] *Vår Fågelvärld* 40(2):116. 1981. In Swedish with English summ. WR 182
[Kimstadsvägen 37, S-610 20 Kimstad, Sweden]

81-006027 Ullman, Magnus. DEN ADULTA ALFÖRRÄDARHANENS EKLIPSDRÄKT. [THE ADULT MALE ECLIPSE OF *POLYSTICTA STELLERI*.] *Vår Fågelvärld* 40(2):115-116. 1981. In Swedish with English summ. WR 182
[Kämnärsvägen 9L:221, 222 46 Lund, Sweden]

81-006028 Van Dyke, Fred. MORTALITY IN CRIPPLED MALLARDS. *J. Wildl. Manage.* 45(2):444-453. Apr. 1981. WR 182
[Environ. & For. Biol., Coll. Environ. & For., State Univ. N.Y., Syracuse 13210] *Anas platyrhynchos.*

81-006029 Whyte, Richard J.; Nova J. Silvy and Brian W. Cain. EFFECTS OF CATTLE ON DUCK FOOD PLANTS IN SOUTHERN TEXAS. *J. Wildl. Manage.* 45(2):512-515. Apr. 1981. WR 182
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409]

81-006030 Williams, Murray. RECOVERIES OF PARADISE SHELDUCKS BANDED IN THE TAIHAPE, NELSON, MARLBOROUGH, WAITAKI AND SOUTHLAND DISTRICT. *Notornis* 28(1):11-27. Mar. 1981. WR 182
[Wildl. Serv., Dep. Internal Affairs, Private Bag, Wellington, New Zealand] *Tadorna variegata* in New Zealand.

81-006031 Williams, Sartor Otho III. THE MEXICAN DUCK IN MEXICO: NATURAL HISTORY, DISTRIBUTION, AND POPULATION STATUS. *Ph.D. dissertation, Colo. State Univ.* 298p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3955. May

DUCKS (CONTINUED)

81-006031 CONTINUED 1981. WR 182
Anas diazi.

81-006032 Wilson, John X. and David G. Butler. THE EFFECTS OF EXTRACELLULAR NaCl, CORTICOSTERONE AND OUABAIN ON THE Na^+, K^+, AND WATER CONCENTRATIONS IN THE NASAL SALT GLANDS OF FRESHWATER AND SALT-ADAPTED PEKIN DUCKS (*ANAS PLATYRHYNCHOS*). *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):583-591. 1980. WR 182
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada]

SWANS AND GEESE

81-006033 Bakke, Tor A. GRÅGÅS OG FORMASJONSFLUKT. [GREYLAG GEESE AND FLIGHT FORMATION.] *Fauna (Oslo)* 33(4):147-152. 1980. In Norwegian with English summ. WR 182
[Zool. Mus., Sarsgt. 1, N-Oslo 5, Norway] A discussion of the advantages of the V-flight formation for *Anser anser* is presented, based on observations in Norway.--Courtesy/Jon Swenson.

81-006034 Bangs, Edward E.; Vernon D. Berns and Theodore N. Bailey. LEECH PARASITISM OF TRUMPETER SWANS IN ALASKA. *Murrelet* 62(1):24-26. 1981. WR 182
[U.S. Fish & Wildl. Serv., P.O. Box 2139, Soldotna, AK 99669] *Olor buccinator.*

81-006035 Bennett, Gordon F.; Bruce Turner and Gordon Holton. BLOOD PARASITES OF TRUMPETER SWANS, *OLOR BUCCINATOR* (RICHARDSON), FROM ALBERTA. *J. Wildl. Dis.* 17(2):213-215. Apr. 1981. WR 182
[Dep. Biol. & Int. Reference Cent. Avian Haematozoa, Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada]

81-006036 Blomqvist, Ralf and Rauno Tenovuo. MERIHANHEN PESIMISESTÄ SAARISTOMEREN LUOTEISOSASSA. [THE NESTING OF THE GREY-LAG GOOSE (*ANSER ANSER*) IN THE NORTHWESTERN ARCHIPELAGO SEA.] *Suomen Riista* 28:25-29. 1980. In Finnish with English summ. WR 182
[Dep. Zool., Inst. Biol., Univ. Turku, SF-20500 Turku 50, Finland]

81-006037 Farsund, Reidar. UTSETJING AV GJESS. [SETTING OUT OF GEESE IN NORWAY.] *Vår Fuglefauna* 2(1):46-48. 1979. In Norwegian with English summ. WR 182
[N-6800 Førde, Norway] Comments on the introduction of *Branta canadensis* in Norway and the possible effects on *Anser anser.*--Courtesy/Jon Swenson.

81-006038 Flickinger, Edward L. WEATHER CONDITIONS ASSOCIATED WITH BEGINNING OF NORTHWARD MIGRATION DEPARTURES OF SNOW GEESE. *J. Wildl. Manage.* 45(2):516-520. Apr. 1981. WR 182
[Patuxent Wildl. Res. Cent., Gulf Coast Field Stn., Victoria, TX 77901] *Anser caerulescens caerulescens.*

SWANS AND GEESE (CONTINUED)

81-006039 Frøstrup, Johan Christian. KNOPPSVANEN *CYGNUS OLOR* I AUST-AGDER. [THE MUTE SWAN *CYGNUS OLOR* IN AUST-AGDER.] *Fauna (Oslo)* 32(4):161-165. 1979. In Norwegian with English summ. WR 182
[Glenna, N-3800 Bø i Telemark, Norway] The increase of the species in Norway, since its establishment in 1973 is documented.--Courtesy/Jon Swenson.

81-006040 Godø, Gunnar. ER UTSETJING AV CANADAGÅS EIN FARE FOR GRÅGÅSSTAMMEN PÅ VESTLANDET? [COMPETITION BETWEEN THE CANADA GOOSE AND THE GREYLAG GOOSE IN WESTERN NORWAY?] *Vår Fuglefauna* 1(3/4):176-169. 1978. In Norwegian with English summ. WR 182
[Steinvågvn. 4, N-6000 Ålesund, Norway] Observations on the increase of *Branta canadensis* and aggressive encounters between it and *Anser anser* in Norway.--Courtesy/Jon Swenson.

81-006041 Green, Robert K. BARNACLE GOOSE IN CUSTER COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(2):13. June 1981. WR 182
[Northern Prairie Wildl. Res. Cent., Box 1747, Jamestown, ND 58401] *Branta leucopsis.*

81-006042 Henry, William G. POPULATIONS AND BEHAVIOR OF BLACK BRANT AT HUMBOLDT BAY, CALIFORNIA. *M.S. thesis, Humboldt State Univ.* 111p. 1980. WR 182
[Wildl. Res. Field Stn., Humboldt State Univ., Arcata, CA 95521] *Branta bernicla nigricans.*

81-006043 Jukema, J. and U. Rijpma. BRANDGANS x ROODHALSGANS IN FRIESLAND IN WINTER VAN 1980/81. [BARNACLE GOOSE x RED-BREASTED GOOSE IN FRIESLAND IN WINTER OF 1980/81.] *Dutch Birding* 2(4):125. Jan. 1981. In Dutch. WR 182
[Haerdawei 44, 8854 AC Oosterbierum, Netherlands] *Branta leucopsis x B. ruficollis* in the Netherlands.

81-006044 Krummholz, Dieter and Eckhard Krätke. SOMMERBEOBACHTUNG EINES SINGSCHWANES (*CYGNUS CYGNUS*) IM "UNTEREN ODERTAL" BEI SCHWEDT/O. [SUMMER OBSERVATION OF A BLACK SWAN *CYGNUS CYGNUS* IN "UNTEREN ODERTAL" NEAR SCHWEDT/O.] *Beitr. Vogelkd.* 27(1):52-53. 1981. In German. WR 182
[Ernst-Thalmann-Straße 115B, DDR-1330 Schwedt/O., East Germany]

81-006045 Kurechi, Masayuki and Hideki Hiraizumi. SECOND RECORD OF CACKLING CANADA GOOSE *BRANTA CANADENSIS MINIMA* FOR JAPAN. *Tori* 29(4):147-148. Mar. 1981. In English with Japanese summ. WR 182

81-006046 Lippert, Wolfgang. KANADAGANS, *BRANTA CANADENSIS*, MIT "WEIßEM" GESICHT UND VORDERHALS. [CANADA GOOSE *BRANTA CANADENSIS* WITH WHITE FACE AND ANTERIOR NECK.] *Beitr. Vogelkd.* 27(2):128. 1981. In German. WR 182
[Lichtenberger Straße 20, DDR-1020 Berlin, East Germany]

81-006047 McLeod, Colin R. MUTE SWAN KILLING BANK VOLE. *Scott. Birds* 11(6):194. 1981. WR 182
Cygnus olor and *Clethrionomys glareolus* in Scotland.

SWANS AND GEESE (CONTINUED)

81-006048 Myrberget, Svein. BØR VI SETTE UT GJESS? [SHOULD SETTING OUT OF GEESE CONTINUE?] *Vår Fuglefauna* 2(1):41-46. 1979. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] A review of the introductions of exotic geese in Norway.--Courtesy/Jon Swenson.

81-006049 Northcote, E. Marjorie. DIFFERENCES IN WEIGHT AND HABIT OF WHOOPER *CYGNUS CYGNUS CYGNUS* AND MUTE *C. OLOR* SWANS IN RELATION TO DIFFERENCES IN THEIR LONG BONES. *Bull. Br. Ornithol. Club* 101(1):266-267. Mar. 1981. WR 182
[Dep. Zool., Downing St., Cambridge CB2 3EJ, England]

81-006050 Ortego, James Brent. NEST SURVIVAL OF THE CANADA GOOSE (*BRANTA CANADENSIS* L.) AT THE EUFAULA NATIONAL WILDLIFE REFUGE, ALABAMA-GEORGIA 1977-1979. *Ph.D. dissertation, Auburn Univ.* 46p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3953. May 1981. WR 182

81-006051 Patton, D. L. H. and J. Frame. THE EFFECT OF GRAZING IN WINTER BY WILD GEESE ON IMPROVED GRASSLAND IN WEST SCOTLAND. *J. Appl. Ecol.* 18(1):311-325. Apr. 1981. WR 182
[West of Scotland Agric. Coll., Auchincruive, Ayr, KA6 5HW, Scotland] *Branta leucopsis, Anser anser flavirostris* and *Anser anser.*

81-006052 Sanford, S. E. MORTALITY IN MUTE SWANS IN SOUTHERN ONTARIO ASSOCIATED WITH INFESTATION WITH THE THORNY-HEADED WORM, *POLYMORPHUS BOSCHADIS. Can. Vet. J.* 19(8):234-236. Aug. 1978. WR 182
[Vet. Serv. Lab., Ontario Minist. Agric. & Food, Huron Park, Ontario N0M 1Y0, Canada] *Cygnus olor.*

81-006053 Scott, D. K. FUNCTIONAL ASPECTS OF THE PAIR BOND IN WINTER IN BEWICK'S SWANS (*CYGNUS COLUMBIANUS BEWICKII*). *Behav. Ecol. Sociobiol.* 7(4):323-327. 1980. WR 182
[Sub-Dep. Anim. Behav., Madingley, Cambridge CB3 8AA, England]

81-006054 Skene, Robert C.; O. Remmler and M. A. Fernando. COCCIDIA OF CANADA GEESE (*BRANTA CANADENSIS*) AT KORTRIGHT WATERFOWL PARK, GUELPH, ONTARIO, CANADA, WITH DESCRIPTION OF *ISOSPORA ANSERIS* N. SP. *Can. J. Zool.* 59(3):493-497. Mar. 1981. In English with French summ. WR 182
[Conestoga Coll. Appl. Arts & Technol., Kitchener, Ontario, Canada]

81-006055 Smith, Thomas J. III and William E. Odum. THE EFFECTS OF GRAZING BY SNOW GEESE ON COASTAL SALT MARSHES. *Ecology* 62(1):98-106. Feb. 1981. WR 182
[Dep. Environ. Sci., Clark Hall, Univ. Va., Charlottesville 22903] *Anser caerulescens atlantica* in North Carolina.

81-006056 Thomas, C. B. RING LOSS FROM CANADA GEESE. *Bird Study* 26(4):270-271. Dec. 1979. WR 182
[Dep. Chem., Univ. York, Heslington, York YO1 5DD, England] *Branta canadensis* in Britain.

SWANS AND GEESE (CONTINUED)

81-006057 Udø, Ovin G. CANADAGÅS I NORGE. [THE CANADA GOOSE IN NORWAY.] *Fauna (Oslo)* 32(2):66-71. 1979. In Norwegian with English summ. WR 182
[Kristiansand Mus., Box 479, N-4601 Kristiansand, Norway] The author reports about a newly established population in Norway and presents observations of behavioral interactions between the Canada goose *Branta canadensis* and the greylag goose *Anser anser* in captivity.--Courtesy/Jon Swenson.

81-006058 Vikberg, Pentti. HAILUODON PESIVÄN MERIHANHIKANNAN PIENENEMISTÄ, PIENENEMISEN SYISTÄ JA KANNAN ELVYTYSMAHDOLLISUUKSISTA. [THE BREEDING POPULATION OF GREYLAG GOOSE ON THE ISLAND OF HAILUOTO: DECREASE, ITS CAUSES AND POSSIBLE MANAGEMENT.] *Suomen Riista* 27:51-58. 1980. In Finnish with English summ. WR 182
[Hunters' Cent. Organization, Fredrikinkatu 47, SF-00100 Helsinki 10, Finland] *Anser anser* in Finland.

81-006059 Weise, Willy. BEMERKUNGEN ZUM GÄNSEDURCHZUG IM BEZIRK KARL-MARX-STADT. [OBSERVATIONS UPON MIGRATION OF GEESE IN THE KARL-MARX-CITY REGION.] *Beitr. Vogelkd.* 26(6):349-351. 1980. In German. WR 182
[Untere Dorstraße 23, DDR-9113 Claußnitz, East Germany]

LOONS AND GREBES

81-006060 Escalante, Rodolfo. NOTAS SOBRE EL MACÁ GRANDE EN EL URUGUAY. [NOTES ON THE GREAT GREBE IN URUGUAY.] *Comun. Zool. Mus. Nat. Hist. Montev.* 10(143):1-7. 1980. In Spanish with English summ. WR 182
Podiceps major.

81-006061 Green, Janet C. YELLOW-BILLED LOON ON LAKE SUPERIOR. *Loon* 53(1):62-63. 1981. WR 182
[10550 Old North Shore Rd., Duluth, MN 55804] *Gavia adamsii* in Minnesota.

81-006062 Hughes, S. W. M.; P. Bacon and J. J. M. Flegg. THE 1975 CENSUS OF THE GREAT CRESTED GREBE IN BRITAIN. *Bird Study* 26(4):213-226. Dec. 1979. WR 182
[6 West Way, Slinfold, Horsham, West Sussex RH13 7SB, England] *Podiceps cristatus.*

81-006063 IJzendoorn, Edward J. van. SECOND CALENDAR-YEAR WHITE-BILLED DIVER SUMMERED IN NETHERLANDS IN 1980. *Dutch Birding* 3(1):6-8. Mar. 1981. In English. WR 182
[3e Schinkelstraat 45, 1075 TK Amsterdam, Netherlands] *Gavia adamsii.*

81-006064 Kennedy, Alan J. INTERSPECIFIC AGGRESSIVE DISPLAY BY A COMMON LOON. *Murrelet* 62(1):20-21. 1981. WR 182
[Esso Minerals Canada, 500-6th Ave. S.W., Calgary, Alberta, Canada T2P 0S1] *Gavia immer* in Canada.

LOONS AND GREBES (CONTINUED)

81-006065 Nuechterlein, Gary L. COURTSHIP BEHAVIOR AND REPRODUCTIVE ISOLATION BETWEEN WESTERN GREBE COLOR MORPHS. *Auk* 98(2):335-349. Apr. 1981. WR 182
[Bell Mus. Nat. Hist., Univ. Minn., Minneapolis 55455] *Aechmophorus occidentalis* in Oregon and California.

81-006066 Nuechterlein, Gary L. VARIATIONS AND MULTIPLE FUNCTIONS OF THE ADVERTISING DISPLAY OF WESTERN GREBES. *Behaviour* 76(3-4):289-317. 1981. In English with German summ. WR 182
[Bell Mus. Nat. Hist., Univ. Minn., Minneapolis] *Aechmophorus occidentalis*.

81-006067 Savaloja, Terry. MINNESOTA'S FIRST YELLOW-BILLED LOON. *Loon* 53(1):62. 1981. WR 182
[Box 244, Deerwood, MN 56444] *Gavia adamsii*.

81-006068 Schipke, Reinhard. ALBINOTISCHER HAUBENTAUCHER (*PODICEPS CRISTATUS*) IN DER OBERLAUSITZ. [ALBINO GREAT-CRESTED GREBE *PODICEPS CRISTATUS* IN OBERLAUSITZ.] *Beitr. Vogelkd.* 26(5):299-301. 1980. In German. WR 182
[Nr. 23 (Kr. Hoyerswerda), DDR-7701 Wartha, East Germany]

81-006069 Seibel, David E. ARCTIC LOON IN COWLEY COUNTY, KANSAS. *Kans. Ornithol. Soc. Bull.* 32(1):19. Mar. 1981. WR 182
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Gavia immer*.

81-006070 Sutcliffe, Scott A.; Rawson Wood and Tink Taylor. WILL THE LOON SURVIVE? *N.H. Audubon Annu.* p. 24-33. 1981. WR 182
Gavia immer.

SHOREBIRDS, MARSHBIRDS, AND ALLIES

81-006071 Adams, L. P. THE USE OF SHORT RANGE STEREOPHOTOGRAMMETRY IN THE STUDY OF THE MORPHOLOGY OF THE SHOEBILL BILL. *Photogrammetric Record* 10(55):73-84. 1980. From Ecol. Abstr. 1980/5:80L/6763. 1980. WR 182
Balaeniceps rex.

81-006072 Alford, J. A. WHITE-TAILED PLOVER IN DORSET. *Br. Birds.* 74(5):228. May 1981. WR 182
[Arden, Longwood Rd., Owslebury, Hamphsire SO12 1LL, England] *Chettusia leucura*.

81-006073 Alström, Per. TÄRNMÅS ELLER TRETÅIG MÅAS--FÖRVÄXLINGS RISK! [SABINE'S GULL *LARUS SABINI* AND KITTIWAKE *RISSA TRIDACTYLA*--RISKS OF MISIDENTIFICATION.] *Vår Fågelvärld* 40(2):116-117. 1981. In Swedish with English summ. WR 182
[Pl, 307, 436 00 Askim, Sweden]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006074 Amlaner, Charles J., Jr. and David J. McFarland. SLEEP IN THE HERRING GULL (*LARUS ARGENTATUS*). *Anim. Behav.* 29(2):551-556. May 1981. WR 182
[Dep. Zool., Univ. Oxford, South Parks Rd., Oxford OX1 3PS, England]

81-006075 Andreev, A. V. and A. Ya. Kondratiev. [NEW DATA ON BIOLOGY OF THE ROSS'S GULL (*RHODOSTETHIA ROSEA*).] *Zool. Zh.* 60(3):418-425. Mar. 1981. In Russian with English summ. WR 182
[Inst. Biol. Problems of the North, Far East Cent., USSR Acad. Sci., Magadan, USSR]

81-006076 Böhme, Rolf; Dieter Kronbach and Willy Weise. BEOBACHTUNG VON MORNELLREGENPFEIFERN, *EUDROMIAS MORINELLUS*, BEI BURGSTÄDT/SA. [OBSERVATION OF THE COMMON DOTTEREL *EUDROMIAS MORINELLUS* AT BURGSTÄDT.] *Beitr. Vogelkd.* 27(2):126. 1981. In German. WR 182
[B.-Brecht-Straße 18, DDR-9112 Burgstädt, East Germany]

81-006077 Baptist, Henk and Patrick Meire. WADER RESEARCH IN THE DELTA OF THE SOUTHWEST NETHERLANDS. *Wader Study Group Bull.* No. 31. p. 26-28. Apr. 1981. WR 182
[Public Works Dep., P.O. Box 439, 4330 AK Middelburg, Netherlands]

81-006078 Bartholomew, George A. and William R. Dawson. THERMOREGULATORY BEHAVIOR DURING INCUBATION IN HEERMANN'S GULLS. *Physiol. Zool.* 52(4):422-437. Oct. 1979. WR 182
[Dep. Biol., Univ. Calif., Los Angeles 90024] *Larus heermanni.*

81-006079 Baur, S. A BREEDING RECORD OF THE BAILLON'S CRAKE. *Bokmakierie* 32(4):108. Dec. 1980. WR 182
[65 Married Quarters, Grootvlei Mine Springs 1560, South Africa] *Porzana pusilla* in South Africa.

81-006080 Bayer, Range D. WEIGHTS OF GREAT BLUE HERONS AT THE YAQUINA ESTUARY, OREGON. *Murrelet* 62(1):18-19. 1981. WR 182
[422 SW 9th, Newport, OR 97365] *Ardea herodias.*

81-006081 Bennett, Albert F. and William R. Dawson. PHYSIOLOGICAL RESPONSES OF EMBRYONIC HEERMANN'S GULLS TO TEMPERATURE. *Physiol. Zool.* 52(4):413-421. Oct. 1979. WR 182
[School Biol. Sci., Univ. Calif., Irvine 92717] *Larus heermanni.*

81-006082 Berger, Gotthart. DURCH KÄLTEEINBRUCH BEDINGTE VERHALTENSREAKTIONEN BEI KIEBITZEN (*VANELLUS VANELLUS* L.). [BEHAVIOR PATTERNS OF A LAPWING *VANELLUS VANELLUS* DURING A COLD WAVE.] *Beitr. Vogelkd.* 26(1):58-59. 1980. In German. WR 182
[Tiergartenstraße 1, DDR-8020 Dresden, East Germany]

81-006083 Bergman, Göran. SINGLE-BREEDING VERSUS COLONIAL BREEDING IN THE CASPIAN TERN, *HYDROPROGNE CASPIA*. *Mem. Soc. Fauna Flora Fenn.* 57(1):1. 1981. Abstract only. WR 182
[Zool. Mus. Univ., N. Järnvägsgatan 13, SF-00100 Helsinki 10, Finland]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006084 Bernard, King. CASPIAN TERNS DROPPING AND RETRIEVING OBJECTS. *Br. Birds* 74(5):228. May 1981. WR 182
[Gull Cry, 9 Park Rd., Newlyn, Penzance, Cornwall, England] *Sterna caspia* in Florida.

81-006085 Bigg, Robin. ORIENTAL PLOVERS NEAR NEWCASTLE. *Aust. Birds* 15(3):54. Mar. 1981. WR 182
[12 Wills Ave., Castle Hill, New South Wales 2154, Australia] *Charadrius veredus*.

81-006086 Blus, Lawrence J. and Charles J. Henny. SUSPECTED GREAT BLUE HERON POPULATION DECLINE AFTER A SEVERE WINTER IN THE COLUMBIA BASIN. *Murrelet* 62(1):16-18. 1981. WR 182
[Patuxent Wildl. Res. Cent., 480 SW Airport Rd., Corvallis, OR 97330] *Ardea herodias*.

81-006087 Bouvier, Michel. OBSERVATIONS DE CIGONES NOIRES *CICONIA NIGRA* DANS LES HAUTES-ALPES. [OBSERVATIONS OF THE BLACK STORK *CICONIA NIGRA* IN HAUTES-ALPES.] *Alauda* 48(2-3):151. Sept. 1980. In French. WR 182
[Cent. Recherche Alpin sur les Vertébrés, Domaine de Charance, 05000 Gap, France]

81-006088 Boyd, Roger L. DISTRIBUTION AND ABUNDANCE OF SNOWY PLOVERS IN KANSAS AND NORTHERN OKLAHOMA. *Kans. Ornithol. Soc. Bull.* 32(2):25-28. June 1981. WR 182
[Biol. Dep., Baker Univ., Baldwin City, KS 66006] *Charadrius alexandrinus*.

81-006089 Briggs, K. B. NEST-SITE SELECTION IN RIVERSIDE-NESTING OYSTERCATCHERS *HAEMATOPUS OSTRALEGUS*. *Wader Study Group Bull.* No. 31. p. 8. Apr. 1981. Abstract only. WR 182
[26 Hazelmount Dr., Warton, Carnforth, Lancs. LA5 9HU, England]

81-006090 Brock, Kenneth J. LETTER TO THE EDITOR: CONCERNING "POSSIBLY INDIANA'S FIRST ARCTIC TERN". *Indiana Audubon Q.* 59(2):75-76. May 1981. WR 182
[Ind. Univ. Northwest, Gary] *Sterna paradisaea*.

81-006091 Burger, Joanna and Micahel Gochfeld. UNEQUAL SEX RATIOS AND THEIR CONSEQUENCES IN HERRING GULLS (*LARUS ARGENTATUS*). *Behav. Ecol. Sociobiol.* 8(2):125-128. Apr. 1981. WR 182
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903]

81-006092 Burger, Joanna. AGGRESSIVE BEHAVIOUR OF BLACK SKIMMERS (*RYNCHOPS NIGER*). *Behaviour* 76(3-4):207-222. 1981. In English with German summ. WR 182
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ]

81-006093 Byrkjedal, Ingvar. HØSTTREKKETS FORLØP HOS EN DEL VADERE PÅ JÆREN. [AUTUMN MIGRATION OF SOME SHOREBIRDS ON JÆREN, SW NORWAY.] *Fauna Norv. Ser. C Cinclus* 3(2):60-64. 1980. In Norwegian with

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006093 CONTINUED English summ. WR 182
[Zool. Mus., Univ. Bergen, Musepl. 3, N-5014 Bergen/U., Norway] Data on 14 species from July to December, 1962-79.--Courtesy/Jon Swenson.

81-006094 Caldwell, Gloria Sullivan. ATTRACTION TO TROPICAL MIXED-SPECIES HERON FLOCKS: PROXIMATE MECHANISM AND CONSEQUENCES. *Behav. Ecol. Sociobiol.* 8(2):99-103. Apr. 1981. WR 182
[Dep. Psychol., Univ. Calif., Berkeley 94720] *Casmerodius albus, Egretta thula, Hydranassa tricolor* and *Florida caerulea* in Panama.

81-006095 Carnduff, D. BLACK GUILLEMOTS BREEDING IN THE INNER CLYDE ESTUARY. *Scott. Birds* 11(6):195-196. 1981. WR 182
Uria grylle in Scotland.

81-006096 Clark, N. A. DUNLIN ON THE SEVERN ESTUARY, ENGLAND. *Wader Study Group Bull.* No. 31. p. 10. Apr. 1981. Abstract only. WR 182
Calidris alpina.

81-006097 Connors, Peter G. DISTRIBUTION AND ECOLOGY OF SHOREBIRDS IN ALASKA'S COASTAL ZONE: A REVIEW OF STUDIES IN THE OUTER CONTINENTAL SHELF ENVIRONMENTAL ASSESSMENT PROGRAM. *Wader Study Group Bull.* No. 31. p. 48-51. Apr. 1981. WR 182
[Bodega Mar. Lab., Univ. Calif., Bodega Bay 94923]

81-006098 Coulson, J. C. and Fiona Dixon. COLONIAL BREEDING IN SEA-BIRDS. *In Biology and Systematics of Colonial Organisms, G. Larwood and B. R. Rosen, editors. (Academic Press for the Systematics Association)* 11:445-458. 1979. From Ecol. Abstr. 1980/5:80L/6800. 1980. WR 182
Rissa tridactyla.

81-006099 Creutz, Gerhard. DIE UMSIEDLUNGEN DES WEIßSTORCHES HIDDENSEE 2142. [THE WANDERINGS OF WHITE STORK HIDDENSEE 2142.] *Beitr. Vogelkd.* 27(1):50-51. 1981. In German. WR 182
[Park 3, DDR-8601 Neschwitz, East Germany] *Ciconia ciconia.*

81-006100 Dröger, Horst K. FEMALE LEAST BITTERN WITH YOUNG. *CFO (Colo. Field Ornithol.) J.* 13(3):63. 1979. WR 182
[4240 Evans Dr., Boulder, CO 80303]

81-006101 Duffy, David C.; Natasha Atkins and David C. Schneider. DO SHOREBIRDS COMPETE ON THEIR WINTERING GROUNDS? *Auk* 98(2):215-229. Apr. 1981. WR 182
[Charles Darwin Stn., Isla Santa Cruz, Galapagos Islands, Ecuador] Charadrii in Peru.

81-006102 Duncan, Neil. THE LESSER BLACK-BACKED GULL ON THE ISLE OF MAY. *Scott. Birds* 11(6):180-188. 1981. WR 182
[Dep. Zool., Univ. Durham, South Rd., Durham, DH1 3LE England] *Larus ridibundus* in Scotland.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006103 Duncan, Robert A. THE GREAT BLACK-BACKED GULL: A GULF COAST STATUS REVIEW. *Am. Birds* 35(2):233-234. Mar. 1981. WR 182
[614 Fairpoint Dr., Gulf Breeze, FL 32561] *Larus marinus*.

81-006104 Eckert, Kim. DOCUMENTED SIGHTINGS OF PARASITIC JAEGERS AT DULUTH. *Loon* 53(1):56. 1981. WR 182
[9735 North Shore Dr., Duluth, MN 55804] *Stercorarius parasiticus* in Minnesota.

81-006105 Eckert, Kim. LONG-TAILED JAEGER AT DULUTH. *Loon* 53(1):58-59. 1981. WR 182
[9735 North Shore Dr., Duluth, MN 55804] *Stercorarius longicaudus* in Minnesota.

81-006106 Elliott, R. E. ORBITAL RING COLOURS OF HERRING GULLS IN BRITAIN. *Bird Study* 28(1):66-68. Mar. 1981. WR 182
[44 Whyburn Lane, Hucknall, Nottinghamshire NG15 6QN, England] *Larus argentatus*.

81-006107 Evans, P. R. WHY CATCH WADERS IN COLD WEATHER? *Wader Study Group Bull.* No. 31. p. 23-24. Apr. 1981. WR 182
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

81-006108 Fairall, N. A STUDY OF THE BIOENERGETICS OF THE RED-KNOBBED COOT *FULICA CRISTATA* ON A SOUTH AFRICAN ESTUARINE LAKE. *S. Afr. J. Wildl. Res.* 11(1):1-4. 1981. In English with Afrikaans summ. WR 182
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

81-006109 Ferns, P. N. THE SPRING MIGRATION OF TURNSTONES THROUGH BRITAIN IN 1979. *Wader Study Group Bull.* No. 31. p. 36-40. Apr. 1981. WR 182
[Zool. Dep., Univ. Coll., Cardiff CF1 1XL, Wales] *Arenaria interpres*.

81-006110 Fletcher, John. FURTHER NOTES ON NESTING LEAST TERNS. *Gosse Bird Club Broadsheet* No. 35. p. 2-3. Sept. 1980. WR 182
[34 Graham Heights, Kingston 8, Jamaica] *Sterna albifrons* in Jamaica.

81-006111 Forssgren, Kent. THE KLEPTOPARASITIC BEHAVIOUR OF THE ARCTIC SKUA *STERCORARIUS PARASITICUS* AND THE LESSER BLACK-BACKED GULL *LARUS FUSCUS* WITH THE CASPIAN TERN *HYDROPROGNE CASPIA*. *Mem. Soc. Fauna Flora Fenn.* 57(1):5. 1981. Abstract only. WR 182
[Dep. Zool., Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden]

81-006112 Forster, Richard A. RE-ESTABLISHING MUSKEGET ISLAND AS AN ALTERNATE NESTING SITE FOR MONOMOY TERNS. *Bird Observer East. Mass.* 9(3):111-112. June 1981. WR 182
Larus argentatus in Massachusetts.

81-006113 Fournier, Olivier and William Dick. PRELIMINARY SURVEY OF THE ARCHIPEL DES BIJAGOS, GUINEA-BISSAU. *Wader Study Group Bull.* No. 31. p. 24-25. Apr. 1981. WR 182
[Ste-Foy, F-85150 La, La Mothe Achard, France]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006114 Fuller, David G. and J. C. Johnson, Jr. OBSERVATIONS AT THE TRI-STATE GREAT BLUE HERON NESTING COLONY. *Kans. Ornithol. Soc. Bull.* 32(2):21-23. June 1981. WR 182
[Dep. Biol., Pittsburg State Univ., Pittsburg, KS 66762] *Ardea herodias* in Kansas.

81-006115 Furness, R. W.; P. Monaghan and C. Sheddon. EXPLOITATION OF A NEW FOOD SOURCE BY THE GREAT SKUA IN SHETLAND. *Bird Study* 28(1):49-52. Mar. 1981. WR 182
[Dep. Zool., Univ. Glasgow, Glasgow G12 8QQ, Scotland] *Stercorarius skua* in Scotland.

81-006116 Fussell, John O. III.; T. L. Quay and R. J. Hader. SOOTY TERN NEST FOUND NEAR CAPE LOOKOUT, N.C. *Am. Birds* 35(2):236. Mar. 1981. WR 182
[Rt. 4 Box 315, Newport, NC 28570] *Sterna fuscata*.

81-006117 Gauzer, M. E. [SOCIALLY CONDITIONED MORTALITY OF NESTLINGS IN THE *THALASSEUS SANDVICENSIS* COLONIES ON THE KRASNOVODSK BAY ISLANDS. 1. GENERAL CHARACTERISTICS OF JUVENILE MORTALITY AND ITS POSSIBLE CAUSES.] *Zool. Zh.* 60(4):530-539. Apr. 1981. In Russian with English summ. WR 182
[Krasnovodsky State Reservation, USSR]

81-006118 Gorenzel, Warner P.; Ronald A. Ryder and Clait E. Braun. AMERICAN COOT DISTRIBUTION AND MIGRATION IN COLORADO. *Wilson Bull.* 93(1):115-118. Mar. 1981. WR 182
[Extension Wildl. & Sea Grant, 554 Hutchinson Hall, Univ. Calif., Davis 95616] *Fulica a. americana*.

81-006119 Goss-Custard, J. D. OYSTERCATCHER COUNTS AT ROOSTS AND AT FEEDING GROUNDS. *Br. Birds* 74(5):197-199. May 1981. WR 182
[Inst. Terrestrial Ecol., Furzebrook Res. Stn near Wareham, Dorset BH20 5AS, England] *Haematopus ostralegus*.

81-006120 Grabinski, Wojciech and Tadeusz Stararczyk. WADERS OF RESERVOIRS IN SOUTH-WESTERN POLAND. *Wader Study Group Bull.* No. 31. p. 30-31. Apr. 1981. WR 182
[Dep. Avian Ecol., Zool. Inst., Wroclaw Univ., Sienkiewicza 21, 50-335 Wroclaw, Poland]

81-006121 Green, Janet C. IMMATURE BLACK-LEGGED KITTIWAKE AT GRAND MARAIS. *Loon* 53(1):52-53. 1981. WR 182
[10550 Old North Shore Rd., Duluth, MN 55804] *Rissa tridactyla* in Minnesota.

81-006122 Green, Janet C. FIRST RED PHALAROPE FOR MINNESOTA POINT. *Loon* 53(1):60-61. 1981. WR 182
[10550 Old North Shore Rd., Duluth, MN 55204] *Phalaropus fulicarius* in Minnesota.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006123 Greenwood, J. J. D. RANDOM DISTRIBUTION OF BIRDS IN FLOCKS: SIGNIFICANCE TESTING. *Wader Study Group Bull.* No. 31. p. 35. Apr. 1981. WR 182
[Dep. Biol. Sci., Univ. Dundee, Dundee DD1 4HN, Scotland] *Tringa totanus.*

81-006124 Hahn, D. Caldwell. ASYNCHRONOUS HATCHING IN THE LAUGHING GULL: CUTTING LOSSES AND REDUCING RIVALRY. *Anim. Behav.* 29(2):421-427. May 1981. WR 182
[World Wildlife Fund, 1601 Connecticut Ave. N.W., Washington, DC 20009] *Larus atricilla* in New Jersey.

81-006125 Ham, Nick van der. WAARNEMING VAN ROSS' MEEUW TE CAMPERDUIN IN JANUARI 1981. [OBSERVATION OF ROSS'S GULL AT CAMPERDUIN IN JANUARY 1981.] *Dutch Birding* 3(1):16-17. Mar. 1981. In Dutch with English summ. WR 182
[Fritz Conijnlaan 17, 1815 AS Alkmaar, Netherlands] *Rhodostethia rosea* in the Netherlands.

81-006126 Hanssen, Ole Jørgen. FOREKOMSTEN AV MAKRELLTERNE *STERNA HIRUNDO* PÅ ØSTFOLDKYSTEN. [THE OCCURRENCE OF COMMON TERN *STERNA HIRUNDO* IN OSTFOLD COUNTY.] *Fauna (Oslo)* 32(1):19-22. 1979. In Norwegian with English summ. WR 182
[Hassingvn. 11, N-1600 Fredrikstad, Norway] Courtesy/Jon Swenson.

81-006127 Hanssen, Ole Jørgen. SPRING MIGRATION OF RINGED PLOVERS *CHARADRIUS HIATICULA* (L.) IN ØSTFOLD, SOUTHEASTERN NORWAY. *Fauna Norv. Serv. C Cinclus* 3(2):70-72. 1980. In English with Norwegian summ. WR 182
[Zool. Mus., Sarsgt. 1, N-Oslo 5, Norway] Courtesy/Jon Swenson.

81-006128 Harris, M. P. and S. Murray. MONITORING OF PUFFIN NUMBERS AT SCOTTISH COLONIES. *Bird Study* 28(1):15-20. Mar. 1981. WR 182
[Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Kincardineshire, Scotland AB3 4BY] *Fratercula arctica.*

81-006129 Harris, Paul R. THE WINTER FEEDING OF THE TURNSTONE IN NORTH WALES. *Bird Study* 26(4):259-266. Dec. 1979. WR 182
[16 Westfield Terrace, Tadcaster, North Yorkshire, England] *Arenaria interpres.*

81-006130 Haupt, Hartmut. SILBERREIHER (*CASMERODIUS ALBUS*) IM KREIS BEESKOW, BEZ. FRANKFURT/O. [GREAT EGRET *CASMERODIUS ALBUS* IN THE BEESKOW DISTRICT, FRANKFURT, ODER.] *Beitr. Vogelkd.* 27(2):127. 1981. In German. WR 182
[Hannemannei - 1002, DDR-1230 Beeskow, East Germany]

81-006131 Heather, B. D. and H. A. Robertson. A MONGOLIAN DOTTEREL IN BREEDING PLUMAGE. *Notornis* 28(1):82-83. Mar. 1981. WR 182
Charadrius mongolus.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006132 Heer, Paul de. OVER HERKENNING VAN GEELPOOTMEEUW EN VOORKOMEN IN NEDERLAND. [ON IDENTIFICATION OF YELLOW-LEGGED GULL AND OCCURRENCE IN NETHERLANDS.] *Dutch Birding* 2(4):131-139. Jan. 1981. In Dutch with English summ. WR 182
[Hendrik Casimirstraat 160, 3136 BE Vlaardingen, Netherlands] *Larus cachinnans*.

81-006133 Heer, Paul de. ON GREAT BLACK-BACKED GULL WITH ORANGE LEGS. *Dutch Birding* 3(1):9. Mar. 1981. In English. WR 182
[Hendrik Casimirstraat 160, 3136 BE Vlaardingen, Netherlands] *Larus marinus* in the Netherlands.

81-006134 Hobbs, J. N. LITTLE EGRETS FEEDING IN ASSOCIATION WITH SPOONBILLS. *Aust. Birds* 15(3):55. Mar. 1981. WR 182
[87 Plunkett St., Nowra, New South Wales 2540, Australia] *Egretta garzetta* and *Platalea regia* in Australia.

81-006135 IJzendoorn, Edward J. van and Gerald J. Oreel. SECOND-WINTER ICELAND GULL AT IJMUIDEN FROM JANUARY TO MARCH 1981. *Dutch Birding* 3(1):13-15. Mar. 1981. In English. WR 182
[3e Schinkelstraat 45, 1075 TK Amsterdam, Netherlands] *Larus glaucoides* in the Netherlands.

81-006136 IJzendoorn, Edward J. van and Paul de Heer. OVER HERKENNING VAN ONVOLWASSEN KLEINE EN KLEINSTE JAGER. [ON IDENTIFICATION OF IMMATURE ARCTIC AND LONG-TAILED SKUA.] *Dutch Birding* 3(1):10-12. Mar. 1981. In Dutch with English summ. WR 182
[3e Schinkelstraat 45, 1075 TK Amsterdam, Netherlands] *Stercorarius parasiticus* and *S. longicaudus*.

81-006137 Ippen, Rudolf; Jutta Wisser and Peer Zwart. EIN WEITERER BEITRAG ZUR HEXAMITIASIS DER JUNGFERNKRANICHE (*ANTHROPOIDES VIRGO*). [ANOTHER REPORT OF HEXAMITIASIS IN THE DEMOISELLE CRANE *ANTHROPOIDES VIRGO*.] *Milu* 5(1/2):293-297. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-006138 Jaschhof, Helmut and Mathias Jaschhof. ERNEUTER NACHWEIS EINER SCHWALBENMÖWE, *XEMA SABINI* (SABINE, 1819), FÜR MECKLENBURG DURCH EINEN RUPFUNGSFUND, ZUGLEICH EIN BEITRAG ZUR BESTIMMUNG EINER RUPFUNG DIESER ART. [REPEAT RECORD OF A SABINE'S GULL *XEMA SABINI* FOR MECKLENBURG FINDING OF THE FEATHERS WITH A CONTRIBUTION ON THE DETERMINATION VIA FEATHERS OF THIS SPECIES.] *Beitr. Vogelkd.* 26(6):342-348. 1980. In German with with English summ. WR 182
[Rudolf-Breitscheid-Straße 19, DDR-2200, Greifswald, East Germany]

81-006139 Jenks-Jay, Nan. REPORT ON THE TERN POPULATION NANTUCKET ISLAND, MASSACHUSETTS, 1980. *Bird Observer East. Mass.* 9(3):113-119. June 1981. WR 182
Sterna albifrons, *S. hirundo*, *S. paradisaea* and *S. dougallii*.

81-006140 Johnson, Oscar W. and Robert M. Nakamura. THE USE OF ROOFS BY AMERICAN GOLDEN PLOVERS *PLUVIALIS DOMINICA FULVA* WINTERING ON OAHU, HAWAIIAN ISLANDS. *Wader Study Group Bull.* No. 31. p. 45-46. Apr. 1981. WR

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006140 CONTINUED 182
[Dep. Biol., Moorhead State Univ., Moorhead, MN 56560]

81-006141 Johnson, Oscar W.; Patricia Johnson and Philip Bruner. WINTERING BEHAVIOUR AND SITE FAITHFULNESS OF AMERICAN GOLDEN PLOVERS *PLUVIALIS DOMINICA FULVA* IN HAWAII. *Wader Study Group Bull.* No. 31. p. 44. Apr. 1981. WR 182
[Dep. Biol., Moorhead State Univ., Moorhead, MN 56560]

81-006142 Johnson, Oscar W.; Patricia M. Johnson and Phillip L. Bruner. WINTERING BEHAVIOR AND SITE-FAITHFULNESS OF GOLDEN PLOVERS ON OAHU. *'Elepaio* 41(12):123-130. June 1981. WR 182
[Dep. Biol., Moorhead State Univ., Moorhead, MN 56560] *Pluvialis dominica fulva.*

81-006143 Königstedt, Dietmar and Hartmut E. J. Müller. WURDE DER GROßE SCHLAMMLÄUFER (*LIMNODROMUS SCOLOPACEUS*) IN MECKLENBURG NACHGEWIESEN? [WILL THE LONG-BILLED DOWITCHER *LIMNODROMUS SCOLOPACEUS* BECOME ESTABLISHED IN MECKLENBURG?] *Beitr. Vogelkd.* 27(1):1-11. 1981. WR 182
[E.-Weinert-Straße 9, DDR-2200 Greifswald, East Germany]

81-006144 Königstedt, Dietmar. EIN WEITERER BEITRAG ZUR FELDKENNZEICHNUNG DER DÜNNSCHNABELMÖWE (*LARUS GENEI*). [ANOTHER CONTRIBUTION FOR THE FIELD IDENTIFICATION OF THE SLENDER-BILLED GULL *LARUS GENEI.*] *Beitr. Vogelkd.* 26(5):285-294. 1980. In German. WR 182
[Erich-Weinert-Straße 9, DDR-2200 Greifswald, East Germany]

81-006145 Kålås, John Atle. MIGRATION OF COMMON SNIPE *GALLINAGO GALLINAGO* RINGED IN FENNOSCANDIA. *Fauna Norv. Ser. C Cinclus* 3(2):84-88. 1980. In English with Norwegian summ. WR 182
[Dep. Anim. Ecol., Univ. Bergen, N-5014 Bergen/U., Norway] Courtesy/Jon Swenson.

81-006146 Kaiser, G. W. and M. Gillingham. SOME NOTES ON SEASONAL FLUCTUATIONS IN THE WEIGHT OF DUNLIN *CALIDRIS ALPINA* ON THE FRASER RIVER DELTA, BRITISH COLUMBIA. *Wader Study Group Bull.* No. 31. p. 46-48. Apr. 1981. WR 182
[Canadian Wildl. Serv., P.O. Box 340, Delta, British Columbia, Canada V4K 3Y3]

81-006147 Karltun, Erik. VIKTER HOS TOFSVIPOR SOM DÖTT AV SVÄLT. [WEIGHTS OF LAPWINGS *VANELLUS VANELLUS* STARVED TO DEATH.] *Vår Fågelvärld* 40(2):111-112. 1981. In Swedish with English summ. WR 182
[Vriggebovägen 8, 573 00 Tranås, Sweden]

81-006148 Kent, Bretton W. PREY DROPPED BY HERRING FULLS (*LARUS ARGENTATUS*) ON SOFT SEDIMENTS. *Auk* 98(2):350-354. Apr. 1981. WR 182
[Dep. Zool., Univ. Md., College Park 20742]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006149 Kharitonov, S. P. [ON THE FORMATION OF MICROCOLONIES IN THE BLACK-HEADED GULL *LARUS RIDIBUNDUS.*] *Zool. Zh.* 60(4):540-547. Apr. 1981. In Russian with English summ. WR 182
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

81-006150 Kokshaysky, Nikolai V. UNGEWÖHNLICHER SITZPLATZ EINER BEKASSINE (*GALLINAGO GALLINAGO*). [UNUSUAL RESTING SITE OF A COMMON SNIPE *GALLINAGO GALLINAGO.*] *Beitr. Vogelkd.* 26(6):368. 1980. In German. WR 182
[A. N. Severtzov Inst. Evol. Anim. Morphol. & Ecol., Acad. Sci. USSR, Lenisky Prospekt 33, Moscow, USSR]

81-006151 Kolbe, Udo. DIE ZWERGMÖWE, *LARUS MINUTUS* PALL., ALS NAHRUNGSSCHMAROTZER. [LITTLE GULL *LARUS MINUTUS* AS A FOOD ROBBER.] *Beitr. Vogelkd.* 26(6):365-366. 1980. In German. WR 182
[Schillerstraße 3, DDR-2000 Neubrandenburg, East Germany]

81-006152 Lippert, Wolfgang. BEMERKUNGEN ZU EINIGEN VERHALTENSWEISEN DER GRAUREIHER (*ARDEA CINEREA*). [OBSERVATIONS OF SOME BEHAVIORAL TRAITS OF THE HERON *ARDEA CINEREA.*] *Milu* 5(1/2):100-102. 1980. In German. WR 182
[Lichtenberger Straße 20, DDR-1020 Berlin, East Germany]

81-006153 Llimona, F.; A. Martinez; A. Motis and E. Matheu. AUTUMN COUNTS OF WADERS AT SOME WETLANDS IN SOUTH AND EAST OF SPAIN. *Wader Study Group Bull.* No. 31. p. 32-34. Apr. 1981. WR 182
[Aragó 57, Barcelona, Spain]

81-006154 Lochmiller, Robert and Edward Rollor. NEW RECORD OF SHORT-BILLED DOWITCHER FOR MONTGOMERY COUNTY. *Raven* 50(2):37-38. June 1979. WR 182
[Dep. Fisheries & Wildl., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Limnodromus griseus* in Virginia.

81-006155 Mahoney, Shane P. and William Threlfall. NOTES ON THE EGGS, EMBRYOS AND CHICK GROWTH OF COMMON GUILLEMOTS *URIA AALGE* IN NEWFOUNDLAND. *Ibis* 123(2):211-218. Apr. 1981. WR 182
[Dep. Biol., Memorial Univ., St. John's, Newfoundland, Canada A1B 3X9]

81-006156 Martin, Elwood M. and Matthew C. Perry. YELLOW RAIL COLLECTED IN MARYLAND. *Md. Birdlife* 37(1):15-16. Mar. 1981. WR 182
[Migratory Bird & Habitat Res. Lab., Laurel, MD 20811] *Coturnicops noveboracensis.*

81-006157 Mattsson, Donn. A FALL LITTLE GULL IN DULUTH. *Loon* 53(1):53. 1981. WR 182
[4933 29th Ave. S., Minneapolis, MN 55417] *Larus minutus* in Minnesota.

81-006158 Mattsson, Jim. YELLOW-CROWNED NIGHT HERON, AGASSIZ NWR, MARSHALL COUNTY. *Loon* 53(1):54. 1981. WR 182
[Agassiz Natl. Wildlife Refuge, Middle River, MN 56737] *Nycticorax violaceus* in Minnesota.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006159 Mazaraki, Mieczyslaw. BOCIAN BIALY (*CICONIA CICONIA* L.) W ZIEMI CHRZANOWSKIEJ W LATACH 1967-1976. [WHITE STORK *CICONIA CICONIA* L. IN THE DISTRICT OF CHRZANÓW BETWEEN 1967-1976.] *Stud. Osrudka Dok. Fizjogr.* 7:225-242. 1979. From Ecol. Abstr. 1980/6:80L/8331. 1980. In Polish with English summ. WR 182

81-006160 McKean, John L. FIRST RECORD OF THE STILT SANDPIPER FROM AUSTRALASIA. *Notornis* 28(1):48-49. Mar. 1981. WR 182
[CSIRO, PMBag 44, Winnellie, Northern Territory, Australia] *Micropalama himantopus* in Australia.

81-006161 McNair, Douglas. GREEN HERON PERCHED ON COW. *Inl. Bird Banding* 52(4):62-63. 1980. WR 182
[Dep. Biol. Sci., Miss. State Coll., Mississippi State 39762] *Butorides striatus*.

81-006162 Meadows, B. S. MAPPING THE DISTRIBUTION OF PALAEARCTIC WILDFOWL IN EAST AFRICA--1980 PROGRESS REPORT. *Scopus* 4(4):89-90. Dec. 1980. WR 182
[Box 30521, Nairobi, Kenya]

81-006163 Mendel, Glen and Sharon Mendel. A SECOND IDAHO RECORD OF THE PARASITIC JAEGER. *Nurrelet* 62(1):26-27. 1981. WR 182
[Rt. 1, Country Homes #5, Moscow, ID] *Stercorarius parasiticus*.

81-006164 Menzel, Heinz. WEIßSTORCH (*CICONIA CICONIA*) SIEDELT SICH IM GEBURTSNEST AN. [WHITE STORK *CICONIA CICONIA* ESTABLISHES ITSELF AT ITS BIRTH NEST.] *Beitr. Vogelkd.* 27(1):49. 1981. In German. WR 182
[Bahnhofstraße 3, DDR-7706 Lohsa/Oberlausitz, East Germany]

81-006165 Merz, Anna. MARABOU STORK KILLS LESSER FLAMINGO. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 97-98. Nov.-Dec. 1980. WR 182
[P.O. Box 24897, Nairobi, Kenya] *Leptoptilos crumeniferus* and *Phoeniconaias minor* in Kenya.

81-006166 Mey, Eberhard. BIGYNIE BEIM KIEBITZ (*VANELLUS VANELLUS*). [BIGAMY IN THE LAPWING *VANELLUS VANELLUS*.] *Beitr. Vogelkd.* 26(1):59. 1980. In German. WR 182
[Haupstraße 47, DDR-6826 Sitzendorf/Thür., East Germany]

81-006167 Millard, Steve. POMARINE JAEGER AT PARK POINT. *Loon* 53(1):57-58. 1981. WR 182
[617 E. Cavour, Fergus Falls, MN 56537] *Stercorarius pomarinus* in Minnesota.

81-006168 Millener, P. R. THE SUBFOSSIL DISTRIBUTION OF EXTINCT NEW ZEALAND COOTS *FULICA CHATHAMENSIS* SUBSPP. (AVES: RALLIDAE). *Notornis* 28(1):1-9. Mar. 1981. WR 182
[Geol. Dep., Univ. Auckland, Private Bag, Auckland, New Zealand]

81-006169 Miller, John C. LAUGHING GULL NESTING MORTALITY. N. Am. Bird Bander 4(4):165. Oct.-Dec. 1979. WR 182
[1220 Prospect Ave., Prospect Park, PA 19076] *Larus atricilla* in New Jersey.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006170 Mills, J. A.; W. G. Lee; A. F. Mark and R. B. Lavers. WINTER USE BY TAKAHE (*NOTORNIS MANTELLI*) OF THE SUMMER-GREEN FERN (*HYPOLEPIS MILLEFOLIUM*) IN RELATION TO ITS ANNUAL CYCLE OF CARBOHYDRATES AND MINERALS. *N.Z. J. Ecol.* 3:131-137. 1980. WR 182
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]

81-006171 Miskelly, C. M. LEG COLOUR AND DOMINANCE IN BUFF WEKAS. *Notornis* 28(1):47-48. Mar. 1981. WR 182
[3 Castleton Dr., Howick, Auckland, New Zealand] *Gallirallus australis hectori* in New Zealand.

81-006172 Mukhopadhyay, Anand. SOME OBSERVATIONS ON THE BIOLOGY OF THE OPENBILL STORK, *ANASTOMUS OSCITANS* (BODDAERT), IN SOUTHERN BENGAL. *J. Bombay Nat. Hist. Soc.* 77(1):133-137. Apr. 1980. WR 182
[Zool. Dep., Calcutta Univ., Calcutta-700 019, India]

81-006173 Muse, C. J. and Shirley Muse. FIRST GULL RECORD FOR SAMOA. *'Elepaio* 41(12):130-131. June 1981. WR 182
[Whitman Coll., Walla Walla, WA 99362] *Larus atricilla*.

81-006174 Myrberget, Svein and Ørjan Olsvik. GRÅMÅKEUNGE SPISTE LARVER AV FROSTMÅLER. [HERRING GULL EATS WINTER MOTH LARVAE.] *Fauna (Oslo)* 33(1):41. 1980. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] *Larus argentatus* in Norway.--Courtesy/Jon Swenson.

81-006175 Navarro, A. THE NESTING OF THE COOT (*FULICA ATRA*) IN THE VILLAGE POND OF KHANDALA. *J. Bombay Nat. Hist. Soc.* 77(1):137. Apr. 1980. WR 182
[St. Xavier's High School, Bombay-400 001, India]

81-006176 Nesbitt, Stephen A. and George W. Archibald. THE AGONISTIC REPERTOIRE OF SANDHILL CRANES. *Wilson Bull.* 93(1):99-103. Mar. 1981. WR 182
[Fla. Game & Fresh Water Fish Comm., Wildl. Res. Lab., 4005 S. Main St., Gainesville 32601] *Grus canadensis*.

81-006177 Niebuhr, Virginia. AN INVESTIGATION OF COURTSHIP FEEDING IN HERRING GULLS *LARUS ARGENTATUS*. *Ibis* 123(2):218-223. Apr. 1981. WR 182
[Anim. Behav. Group, Dep. Zool., Oxford, OX1 3PS, England]

81-006178 Odom, Ron R.; J. William Guthrie; John H. Rappole and B. J. Freeman. WOOD STORK BREEDING COLONY IN GLYNN COUNTY, GEORGIA. *Oriole* 44(4):88-89. Dec. 1979. WR 182
[Dep. Nat. Resour., Game & Fish Div., Endangered Wildl. Program, Rt. 2-Box 119A, Social Circle, GA 30279] *Mycteria americana*.

81-006179 Oreel, Gerald J. ON DISCOVERING BROAD-BILLED SANDPIPERS IN NETHERLANDS. *Dutch Birding* 3(1):9. Mar. 1981. In English. WR 182
[Postbus 51273, 1007 EG Amsterdam, Netherlands] *Limicola falcinellus*.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006180 Oreel, Gerald J. ON FIELD IDENTIFICATION OF COMMON AND ARCTIC TERN. *Dutch Birding* 3(1):18. Mar. 1981. In English. WR 182
[Postbus 51273, 1007 EG Amsterdam, Netherlands] *Sterna hirundo* and *S. paradisaea*.

81-006181 Oreel, Gerald J. ON FIELD IDENTIFICATION OF WHITE-CAPPED NODDY. *Dutch Birding* 2(4):140. Jan. 1981. In English. WR 182
[Postbus 51273, 1007 EG Amsterdam, Netherlands] *Anous minutus*.

81-006182 Parker, Alan. SANDERLING FEEDING ON WET ROAD. *Br. Birds* 74(5):228. May 1981. WR 182
[Royal Soc. Protection of Birds, The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Calidris alba*.

81-006183 Pearson, D. J. THE WINTERING AND MOULT OF RUFFS *PHILOMACHUS PUGNAX* IN THE KENYAN RIFT VALLEY. *Ibis* 123(2):158-182. Apr. 1981. WR 182
[Dep. Biochem., Univ. Nairobi, Box 30197, Nairobi, Kenya]

81-006184 Pearson, D. J. and P. L. Britton. ARRIVAL AND DEPARTURE TIMES OF PALAEARCTIC WADERS ON THE KENYA COAST. *Scopus* 4(4):84-88. Dec. 1980. WR 182
[Dep. Biochem., Box 30197, Nairobi, Kenya]

81-006185 Pearson, D. J. OCCURRENCE OF A BLACK TERN *CHLIDONIAS NIGER* AT DANDORA, KENYA. *Scopus* 4(4):95-96. Dec. 1980. WR 182
[Dep. Biochem., Box 30197, Nairobi, Kenya]

81-006186 Peirce, M. A. HAEMATOZOA OF BRITISH BIRDS. VI. REDESCRIPTION OF *HAEMOPROTEUS LARAE* YAKUNIN FROM THE LESSER BLACK-BACKED GULL *LARUS FUSCUS*. *J. Nat. Hist.* 15(3):459-462. May-June 1981. WR 182
[c/o UNDP/FAO, P.O. Box 31966, Lusaka, Zambia]

81-006187 Perey, Roger. OÙ ENSONT LES CIGOGNES DE DENENS? [WHERE ARE THE [WHITE] STORKS OF DENENS?] *Nos Oiseaux* 36(1):38-39. Mar. 1981. In French. WR 182
Ciconia ciconia.

81-006188 Picozzi, N. COMMON GULL PREDATION OF WINTER MOTH LARVAE. *Bird Study* 28(1):68-69. Mar. 1981. WR 182
[Inst. Terrestrial Ecol., Blackhall, Banchory, Kincardineshire AB3 3PS, Scotland] *Larus canus*.

81-006189 Pienkowski, M. W. and Ann Pienkowski. WSG PROJECT ON MOVEMENTS OF WADER POPULATIONS IN WESTERN EUROPE: SECOND PROGRESS REPORT. *Wader Study Group Bull.* No. 31. p. 16-17. Apr. 1981. WR 182
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 2LE, England]

81-006190 Plath, Lothar. BRUTEN DER SILBERMÖWE (*LARUS ARGENTATUS*) AUF EINEM HALLENDACH IN ROSTOCK. [BREEDING OF *LARUS ARGENTATUS* IN ROSTOCK.] *Beitr. Vogelkd.* 26(6):358. 1980. In German. WR 182
[Rigaer Straße 18, DDR-2520 Rostock 22, East Germany]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006191 Pugesek, Bruce H. INCREASED REPRODUCTIVE EFFORT WITH AGE IN THE CALIFORNIA GULL (*LARUS CALIFORNICUS*). *Science* 212(4496):822-823. 15 May 1981. WR 182
[Dep. Biol. Sci., Bowling Green State Univ., Bowling Green, OH 43403]

81-006192 Rahn, H. and W. R. Dawson. INCUBATION WATER LOSS IN EGGS OF HEERMANN'S AND WESTERN GULLS. *Physiol. Zool.* 52(4):451-460. Oct. 1979. WR 182
[Dep. Physiol., State Univ. N.Y., Buffalo 14214] *Larus heermanni* and *L. occidentalis livens*.

81-006193 Randall, R. M. and B. M. Randall. ROSEATE TERN BREEDING BIOLOGY AND FACTORS RESPONSIBLE FOR LOW CHICK PRODUCTION IN ALGOA BAY, SOUTH AFRICA. *Ostrich* 52(1):17-24. Mar. 1981. WR 182
[Dep. Zool., Univ. Port Elizabeth, P.O. Box 1600, Port Elizabeth, South Africa 6000] *Sterna dougallii*.

81-006194 Rego, L. H. A. A NOTE ON THE SURVEY OF THE GREAT INDIAN BUSTARD (*CHORIOTIS NIGRICEPS*). *J. Bombay Nat. Hist. Soc.* 77(1):138-139. Apr. 1980. WR 182
[Conservator of Forests, Aurangabad Circle, Aurangabad, (M.S.), India]

81-006195 Rhijn, Johan G. van. UNITS OF BEHAVIOUR IN THE BLACK-HEADED GULL, *LARUS RIDIBUNDUS* L. *Anim. Behav.* 29(2):586-597. May 1981. WR 182
[Dep. Zool., Univ. Groningen, 9750 AA Haren, Netherlands]

81-006196 Ricklefs, Robert E. and Susan C. White. GROWTH AND ENERGETICS OF CHICKS OF THE SOOTY TERN (*STERNA FUSCATA*) AND COMMON TERN (*S. HIRUNDO*). *Auk* 98(2):361-378. Apr. 1981. WR 182
[Dep. Biol., Univ. Pa., Philadelphia 19104]

81-006197 Robert, J.-C. COMPLÉMENT AU STATUT DES LARIDÉS EN BAIE DE SOMME. [ON THE STATUS OF SHOREBIRDS IN THE SOMME BAY--COMPLEMENTARY MATERIAL.] *Alauda* 48(2-3):151. Sept. 1980. In French. WR 151
[Stn. d'Etudes en Baie de Somme, 80230 Saint Valéry sur Somme, France]

81-006198 Robiller, Franz and Klaus Borrmann. NESTREVIERGRENZEN VOM ROTSCHENKEL (*TRINGA TOTANUS* L.) AM "BÜDÖSSZÉK-TÓ" IN SÜDUNGARN. [NESTING TERRITORY OF REDSHANK *TRINGA TOTANUS* AT BÜDÖSSZÉK-TÓ IN SOUTHERN HUNGARY.] *Beitr. Vogelkd.* 26(5):276-282. 1980. In German. WR 182
[Wilhelm-Bode-Straße 8, DDR-5300 Weimar, East Germany]

81-006199 Robinson, Wilma. THE GREATER SANDHILL CRANE. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 183-185. 1980. WR 182
[20217 McNeil Rd., Pitt Meadows, British Columbia, Canada V0M 1P0] *Grus canadensis* in Canada.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006200 Ruge, Klaus and Michaela Veh. MAßNAHMEN ZUR FÖRDERUNG DES GRAUREIHERS IN BADEN-WÜRTTEMBERG. [MEASURES FOR THE PROMOTION OF GREY HERONS IN BADEN-WÜRTTEMBERG.] *Luscinia* 44(1/2):27-40. 1979. In German. WR 182
[Eichgraben 34, 7142 Marbach, West Germany] *Ardea cincerea.*

81-006201 Ruiz, Xavier and Lluis Jover. SOBRE LA ALIMENTACIÓN OTOÑAL DE LA GARCILLA BUEYERA--*BUBULCUS IBIS* (L.)--EN EL DELTA DEL EBRO, TARRAGONA (ESPAÑA). [ON THE FOOD HABITS OF THE CATTLE EGRET, *BUBULCUS IBIS* (L.) IN EBRO DELTA, TARRAGON (SPAIN).] *Publ. Dep. Zool. Univ. Barcelona* 6:65-72. 1981. In Spanish with English summ. WR 182

81-006202 Ryder, Patricia Lynn and John P. Ryder. REPRODUCTIVE PERFORMANCE OF RING-BILLED GULLS IN RELATION TO NEST LOCATION. *Condor* 83(1):57-60. Feb. 1981. WR 182
[Dep. Biol., Lakehead Univ., Thunder Bay, Ontario, Canada P7B 5E1] *Larus delawarensis.*

81-006203 Ryttman, Hans and Håkan Tegelström. LOW DEGREE OF ISOZYME VARIATION WITHIN AND BETWEEN HERRING GULL (*LARUS ARGENTATUS*), LESSER BLACK-BACKED GULL (*LARUS FUSCUS*) AND THEIR BRITISH AND SWEDISH SUBSPECIES. *Hereditas* 94(2):161-164. 1981. WR 182
[Dep. General Genetics, Univ. Uppsala, S-750 07 Uppsala, Sweden]

81-006204 Sanders, K. Friel. AMERICAN FLAMINGO AT BROADWATER POINT. *Md. Birdlife* 37(1):14-15. Mar. 1981. WR 182
[1088 Broadwater Point Dr., Churchtown, MD 20733] *Phoenicopterus ruber* in Maryland.

81-006205 Savaloja, Terry. MINNESOTA'S FIFTH BLACK-LEGGED KITTIWAKE RECORD. *Loon* 53(1):55. 1981. WR 182
[Box 244, Deerwood, MN 56444] *Rissa tridactyla.*

81-006206 Savaloja, Terry. SABINE'S GULL IN ST. LOUIS COUNTY. *Loon* 53(1):59. 1981. WR 182
[Box 244, Deerwood, MN 56444] *Xema sabini* in Minnesota.

81-006207 Schüz, E. UNGEWÖHNLICHER ZUG DES WEIßSTORCHS ÜBER ZYPERN. [UNUSUAL MIGRATION OF WHITE STORK OVER CYPRUS.] *Vogelwarte* 30(4):338-339. Dec. 1980. In German. WR 182
[Elmar-Doch-Straße 39, D-7140 Ludwigsburg, West Germany] *Ciconia ciconia.*

81-006208 Schläfer, Waldemar. QUALVOLLER TOD EINES CHILEFLAMINGOS *PHOENICOPTERUS CHILENSIS.* [AGONIZING DEATH OF A CHILEAN FLAMINGO *PHOENICOPTERUS CHILENSIS.*] *Luscinia* 44(1/2):90-91. 1979. In German. WR 182
[Lerchenstraße 8, 6056 Heusenstamm, West Germany]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006209 Schlenker, Rolf. NAHRUNGSSUCHE IN ZUGRICHTUNG BEI LIMIKOLEN. [FEEDING DURING MIGRATION BY SHOREBIRDS.] *Vogelwarte* 30(4):337-338. Dec. 1980. In German. WR 182
[Vogelwarte Radolfzell, Schloß, D-7760 Radolfzell-Möggingen, West Germany]

81-006210 Schwarze, Eckart and Kirk Schwarze. ZUM VORKOMMEN DES ROTKEHLSTRANDLÄUFERS (*CALIDRIS RUFICOLLIS*) IN EUROPA. [ON THE OCCURRENCE OF THE RUFOUS-NECKED SANDPIPER *CALIDRIS RUFICOLLIS* IN EUROPE.] *Beitr. Vogelkd.* 27(1):46-48. 1981. In German. WR 182
[Burgwallstraße 47, DDR-4530 Roßlau, East Germany]

81-006211 Sealy, Spencer G. VARIATION IN FLEDGING WEIGHT OF LEAST AUKLETS *AETHIA PUSILLA*. *Ibis* 123(2):230-233. Apr. 1981. WR 182
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba R3T 2N2, Canada]

81-006212 Sibson, R. B. RARE TERNS UNDATED. *Notornis* 28(1):27-28. Mar. 1981. WR 182
[26 Entrican Ave., Remuera, New Zealand]

81-006213 Siegel-Causey, Douglas and Thomas E. Meehan. RED-LEGGED KITTIWAKES FORAGE IN MIXED-SPECIES FLOCKS IN SOUTHEASTERN ALASKA. *Wilson Bull.* 93(1):111-112. Mar. 1981. WR 182
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Rissa brevirostris*.

81-006214 Sinclair, J. C. and P. A. R. Hockley. WILSON'S PHALAROPE IN SOUTH AFRICA. *Bokmakierie* 32(4):114-115. Dec. 1980. WR 182
[FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa] *Phalaropus tricolor*.

81-006215 Skipnes, Kolbjørn. FORPLANTNINGSATFERD HOS ET STEINVENDERPAR, *ARENARIA INTERPRES*. [THE BREEDING BEHAVIOUR OF A PAIR OF TURNSTONES.] *Vår Fuglefauna* 2(2):86-94. 1979. In Norwegian with English summ. WR 182
[Saupstadringen 21a, N-7078 Saupstad, Norway] Observations of the incubation, anti-predator behavior and leaving the nest by the young are described for a nest located in Norway.--Courtesy/Jon Swenson.

81-006216 Smith, Michael F. LARGE AGGREGATION OF GREAT BLUE HERONS IN KIOWA COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 12(4):31. Dec. 1979. WR 182
[Box 3223, Fort Sill, OK 73503] *Ardea heroidas*.

81-006217 Sordahl, Tex A. PREDATOR-MOBBING BEHAVIOUR IN THE SHOREBIRDS OF NORTH AMERICA. *Wader Study Group Bull.* No. 31. p. 41-44. Apr. 1981. WR 182
[Dep. Biol., Luther Coll., Decorah, IA 52101]

81-006218 Stempniewicz, Lech. FACTORS INFLUENCING THE GROWTH OF THE LITTLE AUK, *PLAUTUS ALLE* (L.), NESTLINGS ON SPITSBERGEN. *Ekol. Pol.* 28(4):557-581. 1980. In English with Polish summ. WR 182

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006218 CONTINUED
[Dep. Anim. Ecol., Inst. Biol., Gdańsk Univ., Czołgistów 46, 81-378 Gdynia, Poland]

81-006219 Stiles, F. G. NOTES ON THE UNIFORM CRAKE IN COSTA RICA. *Wilson Bull.* 93(1):107-108. Mar. 1981. WR 182
[Escuela Biol., Univ. Costa Rica, Ciudad Universitaria, Costa Rica] *Amaurolimnas concolor.*

81-006220 Strom, Roger F. GREAT EGRET IN TRIPP COUNTY. *S.D. Bird Notes* 33(2):38. June 1981. WR 182
[Winner, SD 57580] *Egretta alba* in South Dakota.

81-006221 Summers, R. W. PURPLE SANDPIPERS *CALIDRIS MARITIMA* IN EASTERN SCOTLAND. *Wader Study Group Bull.* No. 31. p. 7. Apr. 1981. Abstract only. WR 182
[Minist. Agric., Fisheries & Foods, Tangley Pl., Worplesdon, Surrey, England]

81-006222 Sutherland, W. NUMBERS OF OYSTERCATCHERS AND COCKLES ON THE RIBBLE. *Wader Study Group Bull.* No. 31. p. 7. Apr. 1981. Abstract only. WR 182
[Edward Grey Inst., South Parks Rd., Oxford OX1 3PS, England] *Haematopus ostralegus* in England.

81-006223 Taylor, K. and J. B. Reid. EARLIER COLONY ATTENDANCE BY GUILLEMOTS AND RAZORBILLS. *Scott. Birds* 11(6):173-180. 1981. WR 182
[British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England] *Uria aalge* and *Alca torda* in Scotland.

81-006224 Taylor, P. B. LITTLE CRAKE *PORZANA PARVA* AT NDOLA, ZAMBIA. *Scopus* 4(4):93-95. Dec. 1980. WR 182
[Box 87336, Mombasa, Kenya]

81-006225 Teft, Bill. ANCIENT MURRELET SPECIMEN FROM LAKE WINNIBIGOSHISH. *Loon* 53(1):60. 1981. WR 182
[1900 E. Camp St., Ely, MN 55731] *Synthliboramphus antiquus* in Minnesota.

81-006226 Teppen, Terry. A NEW SANDPIPER FOR SAMOA. *Notornis* 28(1):34. Mar. 1981. WR 182
[725 Union St., River Falls, WI 54022] *Tringa macularia.*

81-006227 Thaler, Ellen; Edith Ettel and Sabine Job. ZUR SOZIALSTRUKTUR DES WALDRAPPS *GERONTICUS EREMITA* - BEOBACHTUNGEN AN DER BRUTKOLONIE DES ALPENZOOS INNSBRUCK. [SOCIAL BEHAVIOR OF THE BALD IBIS *GERONTICUS EREMITA* - OBSERVATIONS AT THE ALPENZOO, INNSBRUCK.] *J. Ornithol.* 122(2):109-128. Apr. 1981. In German with English summ. WR 182
[Alpenzoo Weiherburg, A-6020, Innsbruck, Austria]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006228 Thomas, Betsy Trent. JABIRU NEST, NEST BUILDING, AND QUINTUPLETS. *Condor* 83(1):84-85. Feb. 1981. WR 182
[Apartado 80844, Caracas 1080-A, Venezuela] *Jabiru mycteria* in Venezuela.

81-006229 Threlfall, William. HELMINTH PARASITES OF AN AMERICAN FLAMINGO FROM NEWFOUNDLAND, CANADA. *Proc. Helminthol. Soc. Wash.* 48(1):89-90. Jan. 1981. WR 182
[Dep. Biol., Memorial Univ., St. John's, Newfoundland A1B 3X9, Canada] *Phoenicopterus ruber*.

81-006230 Tichonov, A. V. and S. Ju. Jokin. [THE ECOLOGICAL CONDITIONALITY OF STARTING STIMULI IN THE FOOD FUNCTIONAL SYSTEM OF EARLY ONTOGENESIS IN THE ALCIDAE.] *Zool. Zh.* 60(2):271-281. Feb. 1981. In Russian with English summ. WR 182
[Biol. Fac., State Univ. Moscow, Moscow, USSR] Data for 5 spp.

81-006231 Tikhonov, A. V. and S. Yu. Fokin. [ACOUSTIC SIGNALISATION AND THE BEHAVIOUR OF WOOD-COCKS AT THE EARLY ONTOGENESIS. I. PRENATAL STAGES OF DEVELOPMENT.] *Biol. Nauki (Mosc.)* 1979(10):33-40. 1979. In Russian. WR 182
Scolopax rusticola.

81-006232 Tikhonov, A. V. and S. Yu. Fokin. [ACOUSTIC SIGNALIZATION AND THE BEHAVIOUR OF WOOD-COCK IN EARLY ONTOGENESIS. II. THE SIGNALIZATION AND THE BEHAVIOUR OF NESTLINGS.] *Biol. Nauki (Mosc.)* 1980(10):45-54. 1980. Russian. WR 182
Scolopax rusticola.

81-006233 Tree, A. J. AGE AT WHICH CROWNED PLOVER MAY BREED. *Ostrich* 52(1):64. Mar. 1981. WR 182
[101 Lomagundi Rd., Greencroft, P.O. Mabelreign, Salisbury, Zimbabwe] *Vanellus coronatus*.

81-006234 Turner, D. A. A NOTE ON BENSCH'S RAIL *MONIAS BENSCHI* FROM MADAGASCAR. *Bull. Br. Ornithol. Club* 101(1):240-241. Mar. 1981. WR 182
[P.O. Box 48109, Nairobi, Kenya]

81-006235 Vader, Wim. MÅKESPOR I BLØTBUNNSFJÆRA! [GULL TRACKS ON SANDFLATS!] *Vår Fuglefauna* 2(4):206-212. 1979. In Norwegian with English summ. WR 182
[Tromsø Mus., Zool. Avdeling, N-9000 Tromsø, Norway] The "foot-trampling" feeding behavior of common gulls *Larus canus* on sandflats along the coast of Norway is described and illustrated.--Courtesy/Jon Swenson.

81-006236 Vader, Wim. EN MAKELIGRØDNEBBTERNE. [ARCTIC TERN HUNTING FROM TELEPHONE WIRE.] *Fauna (Oslo)* 32(1):34-35. 1979. In Norwegian with English summ. WR 182
[Zool. Avdeling, Tromsø Mus., N-9000 Tromsø, Norway] *Sterna paradisaea* in Norway.--Courtesy/Jon Swenson.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006237 Vader, Wim. THE GREAT SKUA *STERCORARIUS SKUA* IN NORWAY AND THE SPITSBERGEN AREA. *Fauna Norv. Ser. C Cinclus* 3(2):49-55. 1980. In English with Norwegian summ. WR 182
[Zool. Avdeling, Tromsø Mus., N-9000 Tromsø, Norway] Courtesy/Jon Swenson.

81-006238 Vader, Wim. VÅROBSERVASJONER AV GULBRYSTSNIPE OG ALASKASNIPE I TROMS. [SPRING OBSERVATIONS OF BAIRD'S SANDPIPER (NEW TO NORWAY) AND PECTORAL SANDPIPER IN TROMS, NORTHERN NORWAY.] *Vår Fuglefauna* 2(1):19-24. 1979. In Norwegian with English summ. WR 182
[Zool. Avdeling, Tromsø Mus., N-9000 Tromsø, Norway] *Calidris bairdii* and *C. melanotos*.--Courtesy/Jon Swenson.

81-006239 Wallis, Clifford A. and Cleve R. Wershler. STATUS AND BREEDING OF MOUNTAIN PLOVERS (*CHARADRIUS MONTANUS*) IN CANADA. *Can. Field-Nat.* 95(2):133-136. Apr.-June 1981. WR 182
[615 Deer Croft Way, S.E. Calgary, Alberta T2J 5Y4, Canada]

81-006240 Wander, Wade. IDENTIFICATION OF BLACK-BELLIED AND GOLDEN PLOVER. *N.J. Audubon* 7(3):19-20. 1981. WR 182
Squatarola squatarola and *Pluvialis dominica*.

81-006241 Wilson, J. R. THE MIGRATION OF HIGH ARCTIC SHOREBIRDS THROUGH ICELAND. *Bird Study* 28(1):21-32. Mar. 1981. WR 182
[c/o John Burrow & Partners, P.O. Box 380, Gaborone, Botswana]

81-006242 Wishart, Richard A.; Patrick J. Caldwell and Spencer G. Sealy. FEEDING AND SOCIAL BEHAVIOR OF SOME MIGRANT SHOREBIRDS IN SOUTHERN MANITOBA. *Can. Field-Nat.* 95(2):183-185. Apr.-June 1981. WR 182
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba R3T 2N2, Canada]

81-006243 Wismer, Maurice. UNE AIGRETTE EN PLUMAGE SOMBRE AUX GRANGETTES, NOVILLE. [AN EGRET IN DARK PLUMAGE AT GRANGETTES, NOVILLE.] *Nos Oiseaux* 36(1):33. Mar. 1981. In French. WR 182
[R. des Tilleuls 10, CH-1800 Vevey, Switzerland] *Egretta garzetta*.

81-006244 Wright, Alan. WEKAS SWIMMING. *Notornis* 28(1):28. Mar. 1981. WR 182
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand] *Gallirallus a. australis* in New Zealand.

81-006245 Yamagishi, Satoshi; Yoshikazu Inoue and Shigemoto Komeda. [DISTRIBUTION OF COLONIES AND ROOSTS AND FEEDING DISPERSAL OF THE LITTLE AND CATTLE EGRETS (*EGRETTA GARZETTA* AND *BUBULCUS IBIS*) IN NARA BASIN, JAPAN.] *Tori* 29(2/3):69-85. Oct. 1980. In Japanese with English summ. WR 182
[Dep. Biol., Fac. Sci., Osaka City Univ., Sumiyoshi-ku, Osaka 558, Japan]

81-006246 Zubakin, W. A. and W. E. Flint. ÖKOLOGIE UND VERHALTEN DER RELIKTMÖWE (*LARUS RELICTUS* LÖNNB.). [ECOLOGY AND BEHAVIOR OF THE RELICT GULL *LARUS RELICTUS*.] *Beitr. Vogelkd.* 26(5):253-275. 1980. In German. WR 182
[Lomonossowski prospekt 14, KW. 492, Moscow 296, USSR]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

81-006247 Zurk, H. Van. LA NIDIFICATION DU CHEVALIER GUIGNETTE *ACTITIS HYPOLEUCOS* DANS LA BASSE VALLÉE DU VAR. [NESTING OF THE COMMON SANDPIPER *ACTITIS HYPOLEUCOS* IN THE VAR VALLEY.] *Alauda* 48(2-3):152. Sept. 1980. In French. WR 182
[1 Passage Gastaud, 06000 Nice, France]

SEABIRDS AND ALLIES

81-006248 Barrowclough, George F.; Kendall W. Corbin and Robert M. Zink. GENETIC DIFFERENTATION IN THE PROCELLARIIFORMES. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(3):629-632. 1981. WR 182
[Dep. Ornithol., Am. Mus. Nat. Hist., Central Park West at 79th St., New York, NY 10024] Data for 12 spp.

81-006249 Beaver, Rick D. and Victor Lewin. SCHEDULING CENSUSES OF BREEDING WHITE PELICANS (*PELECANUS ERYTHRORHYNCHOS*) IN NORTHERN ALBERTA. *Can. Field-Nat.* 95(2):198-201. Apr.-June 1981. WR 182
[318-109 St., Saskatoon, Saskatchewan S7N 1R5, Canada]

81-006250 Bernstein, Neil P. and Paul C. Tirrell. NEW SOUTHERLY RECORD FOR THE MACARONI PENGUIN (*EUDYPTES CHRYSOLOPHUS*) ON THE ANTARCTIC PENINSULA. *Auk* 98(2):398-399. Apr. 1981. WR 182
[Bell Mus. Nat. Hist., Univ. Minn., Minneapolis 55455]

81-006251 Bernstein, Neil P. and Stephen J. Maxson. NOTES ON MOULT AND SEASONABLY VARIABLE CHARACTERS OF THE ANTARCTIC BLUE-EYED SHAG *PHALACROCORAX ATRICEPS BRANSFIELDENSIS*. *Notornis* 28(1):35-39. Mar. 1981. WR 182
[Bell Mus. Nat. Hist., Univ. Minn., Minneapolis 55455]

81-006252 Birkhead, T. R. and D. N. Nettleship. REPRODUCTIVE BIOLOGY OF THICK-BILLED MURRES (*URIA LOMVIA*): AN INTER-COLONY COMPARISON. *Auk* 98(2):258-269. Apr. 1981. WR 182
[Dep. Zool., Univ. Sheffield, Sheffield S10 2TN, England]

81-006253 Briggs, Kenneth T.; David B. Lewis; William Breck Tyler and George L. Hunt, Jr. BROWN PELICANS IN SOUTHERN CALIFORNIA: HABITAT USE AND ENVIRONMENTAL FLUCTUATIONS. *Condor* 83(1):1-15. Feb. 1981. WR 182
[Cent. Coastal Mar. Studies, Univ. Calif., Santa Cruz 95064] *Pelecanus occidentalis*.

81-006254 Bull, John. DOUBLE-CRESTED CORMORANTS BREEDING AT FISHERS ISLAND. *Kingbird* 31(2):83. 1981. WR 182
[Am. Mus. Nat. Hist., New York, NY 10024] *Phalacrocorax auritus* in New York.

81-006255 Dunbar, D.; L. Koza and F. L. Bunnell. WHITE PELICANS IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin,*

SEABIRDS AND ALLIES (CONTINUED)

81-006255 CONTINUED *editors.* p. 74-84. 1980. WR 182
[Fac. Forestry, Univ. British Columbia, Vancouver, British Columbia, Canada] *Pelecanus erythrorhynchos.*

81-006256 Edwards, A. J.; K. Wilson and H. R. Lubbock. THE SEA-BIRD POPULATIONS OF ST PAUL'S ROCKS. *Ibis* 123(2):233-238. Apr. 1981. WR 182
[Dove Marine Lab., Cullercoats, Tyne and Wear NE30 4PZ, United Kingdom] *Sula leucogaster, Anous stolidus* and *A. minutus.*

81-006257 Findholt, Scott and Charles H. Trost. WHITE PELICANS NESTING IN IDAHO. *Murrelet* 62(1):19-20. 1981. WR 182
[Dep. Biol., Idaho State Univ., Pocatello 83209] *Pelecanus erythrorhynchos.*

81-006258 Folkestad, Alv Ottar. SJØFUGL OG SJØFUGLFORVALTING. [SEABIRDS AND SEABIRD MANAGEMENT.] *Vår Fuglefauna* 2(1):4-18. 1979. In Norwegian with English summ. WR 182
[N-6074 Eiksund, Norway] This is review of the biology and management of seabirds, with data on population sizes and trends of seabirds in Norway.--Courtesy/Jon Swenson.

81-006259 Galbraith, H. FLUCTUATIONS IN BREEDING SHAGS ON THE ISLE OF MAY. *Scott. Birds* 11(6):193-194. 1981. WR 182
Phalacrocorax aristotelis in Scotland.

81-006260 Haddon, G. OBSERVED MOVEMENT OF SHORT-TAILED SHEARWATERS IN THE NORTH PACIFIC. *Aust. Birds* 15(3):38-39. Mar. 1981. WR 182
[94 McClelland Ave., Lara, Victoria 3212, Australia] *Puffinus tenuirostris.*

81-006261 Hebert, Detlef. KOHLENSTOFF-14-DATIERUNG ANTARKTISCHER PINGUINBRUTSTÄTTEN. [CARBON-^{14}-DATING OF ANTARCTIC PENGUIN BREEDING SITES.] *Beitr. Vogelkd.* 26(6):335-341. 1980. In German. WR 182
[Bergakad. Freiberg, Silbermannstraße 1, DDR-9200, Freiberg, East Germany]

81-006262 Hoshiai, T. and T. Matsuda. ADELIE PENGUIN ROOKERIES IN THE LUTZOW-HOLM BAY AREA AND RELATION OF ROOKERY TO ALGAL BIOMASS IN SOIL. *Mem. Natl. Inst. Polar Res.* 11:140-152. 1979. From Ecol. Abstr. 1980/6:80L/8336. 1980. WR 182
Pygoscelis adeliae.

81-006263 Jennings, Robert G. ANHINGA IN TULSA COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(2):12-13. June 1981. WR 182
[Mary K. Oxley Nat. Cent., 200 Civic Center, Rm. 642, Tulsa, OK 74013] *Anhinga anhinga.*

81-006264 Kirkham, Ian R. NESTING NORTHERN GANNETS (*MORUS BASSANUS*) KILLED BY ROCK FALLS AT GREAT BIRD ROCK, QUEBEC. *Can. Field-Nat.* 95(2):202-203. Apr.-June 1981. WR 182
[Dep. Psychol., Memorial Univ. Newfoundland, St. John's, Newfoundland A1B 3X9, Canada]

SEABIRDS AND ALLIES (CONTINUED)

81-006265 Kummer, Johannes. KORMORANE, *PHALACROCORAX CARBO*, IM RAUM HALLE-LEIPZIG. [GREAT CORMORANT *PHALACROCORAX CARBO* IN RAUM HALLE-LEIPZIG.] *Beitr. Vogelkd.* 27(1):52. 1981. In German. WR 182
[Wahrburgerstraße 88, DDR-3500 Stendel, East Germany]

81-006266 Myrberget, Svein. REGISTRERING AV SJØFUGL DREPT UNDER LAKSEFISKE 1978. [SEABIRDS DROWNED IN NORWEGIAN SALMON FISHING GEAR IN 1978.] *Vår Fuglefauna* 3(1):45-48. 1980. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-700 Trondheim, Norway] Courtesy/Jon Swenson.

81-006267 Naito, Y.; K. Nasu and H. Suzuki. DISTRIBUTION OF THE ANTARCTIC SEA BIRDS IN THE OUTER MARGIN OF THE SUMMER PACK ICE AREA. *Antarct. Rec.* 66:50-63. 1979. From Ecol. Abstr. 1980/6:80L/8335. 1980. WR 182

81-006268 Pettit, Ted N. and G. Causey Whittow. EMBRYONIC DOUBLE MONSTER IN THE WEDGE-TAILED SHEARWATER. *Condor* 83(1):91. Feb. 1981. WR 182
[Dep. Physiol., John A. Burns School of Med., Univ. Hawaii, Honolulu 96822] *Puffinus pacificus* in Hawaii.

81-006269 Ristow, D.; C. Wink and M. Wink. TELEMETRIE DER KÖRPERTEMPERATUR DES GELBSCHNABELSTURMTAUCHERS *CALONECTRIS DIONEDEA*. [TEMEMETRY OF THE BODY TEMPERATURE OF CORY'S SHEARWATER *CALONECTRIS DIOMEDEA*.] *Vogelwelt* 102(2):57-60. 1981. In German with English summ. WR 182
[Pappelstraße 35, D-8014 Neubiberg, West Germany]

81-006270 Rowlands, B. W. CAPE CORMORANTS AND OTHER SEABIRDS ON VONDELING AND JUTTEN ISLANDS. *Bokmakierie* 33(1):21-24. Mar. 1981. WR 182
[Scotia Lodge, Rustenburg Ave., Rondebosch 7700, South Africa] *Phalacrocorax capensis* and other spp.

81-006271 Slings (Rienk), Q. L. WAARNEMING VAN WENKBRAUWALBATROS IN NEDERLAND IN OCTOBER 1971. [OBSERVATION OF BLACK-BROWED ALBATROSS IN NETHERLANDS IN OCTOBER 1971.] *Dutch Birding* 2(4):122-125. Jan. 1981. In Dutch with English summ. WR 182
[Jan Ligthartstraat 567, 1964 HR Heemskerk, Netherlands] *Diomedea melanophris*.

81-006272 Sowls, Arthur L.; Anthony R. DeGange; Jay W. Nelson and Gary S. Lester. CATALOG OF CALIFORNIA SEABIRD COLONIES. *U.S. Fish Wildl. Serv.* FWS/OBS-80/37. iv + 371p. Dec. 1980. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. WR 182

81-006273 Tarburton, M. K. NOTES AND MEASUREMENTS OF HUTTON'S AND FLUTTERING SHEARWATERS FOUND DROWNED AT KAIKOURA PENINSULA. *Notornis* 28(1):9-10. Mar. 1981. WR 182
[Longburn Coll, P.O. Box 1, Longburn, New Zealand] *Puffinus huttoni* and *P. gavia* in New Zealand.

81-006274 Taylor, Gary J. and Steven A. Dawson. BROWN PELICAN IN MARYLAND IN WINTER. *Md. Birdlife* 37(1):4. Mar. 1981. WR 182
[Md. Wildl. Administration, Tawes State Office Bldg., Annapolis 21401] *Pelecanus occidentalis*.

SEABIRDS AND ALLIES (CONTINUED)

81-006275 Veitch, C. R. SEABIRDS FOUND DEAD IN NEW ZEALAND IN 1979. *Notornis* 28(1):41-47. Mar. 1981. WR 182
[New Zealand Wildl. Serv., P.O. Box 2220, Auckland, New Zealand]

81-006276 Williams, A. J. WHY DO PENGINS HAVE LONG LAYING INTERVALS? *Ibis* 123(2):202-204. Apr. 1981. WR 182
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] Data for 13 spp.

81-006277 Zink, Robert M. OBSERVATIONS OF SEABIRDS DURING A CRUISE FROM ROSS ISLAND TO ANVERS ISLAND, ANTARCTICA. *Wilson Bull.* 93(1):1-20. Mar. 1981. WR 182
[Mus. Vertebr. Zool., 2593 Life Sci. Bldg., Univ. Calif., Berkeley 94720]

RAPTORS

81-006278 Altmüller, R. EINE METHODE ZUM FANG VON SCHLEIEREULEN (*TYTO ALBA*). [A METHOD OF CAPTURING BARN OWLS *TYTO ALBA*.] *Vogelwarte* 30(4):333-334. Dec. 1980. In German. WR 182
[Gneisenaustraße 19, 3000 Hannover 1, West Germany]

81-006279 Anderson, Clifford M. PROBLEMS WITH A BALD EAGLE TAIL-MOUNTED RADIO TRANSMITTER. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 243-247. 1980. WR 182
[1632 Sixth St. West, Kirkland, WA 98033] *Haliaeetus leucocephalus.*

81-006280 Anderson, Robert J. and Anna M. Bruce. A COMPARISON OF SELECTED BALD AND GOLDEN EAGLE NESTS IN WESTERN WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 117-120. 1980. WR 182
[Western For. Res. Cent., Weyerhaeuser Company, P.O. Box 420, Centralia, WA 98531] *Haliaeetus leucocephalus* and *Aquila chrysaetos.*

81-006281 Asphjell, Johan Åge. HUBRO PÅ ROTTEJAKT. [EAGLE OWL HUNTING RATS.] *Vår Fuglefauna* 2(1):35-36. 1979. In Norwegian with English summ. WR 182
[N-8250 Rognan, Norway] Description of the hunting technique of *Bubo bubo* hunting rats on a garbage dump in Norway.--Courtesy/Jon Swenson.

81-006282 Bárta, Zdeněk. SIND DIE KARPATEN-UHUS, *BUBO BUBO*, WIRKLICH NAHRUNGS-SPEZIALISTEN? [ARE THE CARPATHIAN EAGLE OWLS *BUBO BUBO* REALLY FOOD SPECIALISTS?] *Beitr. Vogelkd.* 26(1):30-32. 1980. In German. WR 182
[Okresní Muz., Koněvova Tř. 1, Č-436 34 Litr;inov 1, Czechoslovakia]

81-006283 Baker, James A. and Ronald J. Brooks. RAPTOR AND VOLE POPULATIONS AT AN AIRPORT. *J. Wildl. Manage.* 45(2):390-396. Apr. 1981. WR 182

RAPTORS (CONTINUED)

81-006283 CONTINUED
[Dep. Zool., Univ. Guelph, Guelph, Ontario N1G 2W1, Canada] *Buteo lagopus, Asio flammeus, Buteo jamaicensis and Nyctea scandiaca* in Canada.

81-006284 Bannasch, Frank. EIN NEUER SCHLAFPLATZ ÜBERWINTERNDER ROTMILANE (*MILVUS MILVUS*) AM RANDE DES HAKELS. [A NEW ROOST SITE FOR AN OVERWINTERING KITE *MILVUS MILVUS*.] *Beitr. Vogelkd.* 26(6):364-365. 1980. In German. WR 182
[Schulstraße 3, DDR-3251 Rathmannsdorf, East Germany]

81-006285 Barichello, N. L. and F. L. Bunnell. GYRFALCONS IN THE OGILVIE MOUNTINS, YUKON TERRITORIES. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 216-221. 1980. WR 182
[Fac. For., Univ. British Columbia, Vancouver, British Columbia, Canada] *Falco rusticola* in Canada.

81-006286 Barnard, C. C. BUZZARD PREYING ON SHORT-EARED OWL. *Br. Birds* 74(5):226. May 1981. WR 182
[6A Kings Rd., Penzance, Cornwall, England] *Buteo buteo* and *Asio flammeus* in England.

81-006287 Barth, Edvard K. FALKONERER I GAMMEL OG NY TID I NORGE. [FALCONERS IN ANCIENT AND MODERN TIMES IN NORWAY.] *Fauna (Oslo)* 32(2):57-61. 1979. In Norwegian with English summ. WR 182
[Zool. Mus., Sarsgt. 1, N-Oslo 5, Norway] Courtesy/Jon Swenson.

81-006288 Benoit, Francis. LA DISTRIBUTION DU FAUCON HOBEREAU, *FALCO SUBBUTEO*, EN SUISSE. [THE DISTRIBUTION OF THE HOBBY *FALCO SUBBUTEO* IN SWITZERLAND.] *Nos Oiseaux* 36(1):21-24. Mar. 1981. In French. WR 182
[Stn. Ornithol. Suisse, CH-6204 Sempach, Switzerland]

81-006289 Bergier, Patrick and Gilles Cheylan. STATUT, SUCCÈS DE REPRODUCTION ET ALIMENTATION DU VAUTOUR PERCNOPTÈRE *NEOPHRON PERCNOPTERUS* EN FRANCE MÉDITERRANÉENNE. [STATUS, REPRODUCTIVE SUCCESS AND FOOD HABITS OF THE EGYPTIAN VULTURE *NEOPHRON PERCNOPTERUS* IN MEDITERRANEAN FRANCE.] *Alauda* 48(2-3):75-97. Sept. 1980. In French with German and English summ. WR 182
[12 rue Pierre-Puget, 13200 Arles, France]

81-006290 Biggs, Harry; Peter Steyn and Charles Clinning. PROBABLE OVERWINTERING OF CAPE BREEDING BOOTED EAGLES IN NAMIBIA. *Bokmakierie* 33(1):2-4. Mar. 1981. WR 182
[P.O. Box 20120, Windhoek 9000, South West Africa] *Hieraaetus pennatus*.

81-006291 Bill, Peggy and Timothy Ransom. CONSERVATION EASEMENTS FOR BALD EAGLES IN THE SAN JUAN ISLANDS; SURVEY AND PREPARATION OF MANAGEMENT PLANS. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 81-84. 1980. WR 182
[Rt. 1, Box 2378, Lopez, WA 98261] *Haliaeetus leucocephalus* in Washington.

RAPTORS (CONTINUED)

81-006292 Black, Elizabeth A. AMERICAN KESTREL POSSIBLY TWO-BROODED IN CENTRAL OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 12(4):29-30. Dec. 1979. WR 182
[4308 Thompson Ave. North, Oklahoma City, OK 73105] *Falco sparverius.*

81-006293 Bollingmo, Tor. TREKK FRAHØNSHAUKENS *ACCIPITER GENTILIS* ØKOLOGI I TRONDHEIMSOMRÅDET I NOVEMBER-APRIL. [ON THE WINTER ECOLOGY OF THE GOSHAWK.] *Vår Fuglefauna* 1(3/4):132-141. 1978. In Norwegian with English summ. WR 182
[Zool. Inst., Rosenborg, N-7000 Trondheim, Norway] Winter food habits and movements of *Accipiter gentilis* in Norway.--Courtesy/Jon Swenson.

81-006294 Boshoff, A. F. and C. J. Vernon. THE DISTRIBUTION AND STATUS OF SOME EAGLES IN THE CAPE PROVINCE. *Ann. Cape Prov. Mus. (Nat. Hist.)* 13(9):107-132. 8 Oct. 1980. In English with Afrikaans summ. WR 182
[The Lakes Nat. Conserv. Stn., Private Bag X6546, George, 6530 South Africa] Data for 8 spp. in South Africa.

81-006295 Boshoff, A. F. and M. H. Currie. NOTES ON THE CAPE VULTURE COLONY AT POTBERG, BREDASDORP. *Ostrich* 52(1):1-8. Mar. 1981. WR 182
[Cape Dep. Nat. Environ. Conserv., Private Bag X6546, George, South Africa 6530] *Gyps coprotheres.*

81-006296 Brock, Kennetn J. A SUMMER BURROWING OWL IN LAKE CO., INDIANA. *Indiana Audubon Q.* 59(2):58-60. May 1981. WR 182
[Ind. Univ. Northwest, Gary] *Athene cunicularia.*

81-006297 Brown, George W. 1981 BALD EAGLE COUNT. *Nebr. Bird Rev.* 49(2):34. June 1981. WR 182
[2018 12th Ave., Kearney, NE 68847] *Haliaeetus leucocephalus* in Nebraska.

81-006298 Brown, Leslie. SCATTERED OBSERVATIONS ON THE LONG-CRESTED EAGLE. *Bokmakierie* 32(4):117-120. Dec. 1980. WR 182
Lophaetus occipitalis in Kenya.

81-006299 Brunn, Bertel; Heinrich Mendelssohn and John Bull. A NEW SUBSPECIES OF LAPPET-FACED VULTURE *TORGOS TRACHELIOTUS* FROM THE NEGEV DESERT, ISRAEL. *Bull. Br. Ornithol. Club* 101(1):244-247. Mar. 1981. WR 182
[52 East 73rd St., New York, NY 10021] *Torgos tracheliotus negevensis.*

81-006300 Busch, David E. WINTERING BALD EAGLES AT SOUTHWEST NEBRASKA RESERVOIRS. *Nebr. Bird Rev.* 49(2):34-35. June 1981. WR 182
[Water & Power Resour. Serv., P.O. Box 427, Boulder City, NV 89005] *Haliaeetus leucocephalus.*

81-006301 Byrkjedal, Ingvar. SESONGMESSIGE SVINGNINGER I FOREKOMSTENE AV ROVFUGL PÅ JÆREN. [SEASONAL VARIATION IN THE OCCURRENCE OF RAPTORS ON JÆREN, SOUTHWESTERN NORWAY.] *Vår Fuglefauna* 3(2):97-101. 1980. In Norwegian with English summ. WR 182
[Zool. Mus., Univ. Bergen, Musepl. 3, N-5014 Bergen/U., Norway] Data on 8 species from 1961-80.--Courtesy/Jon Swenson.

RAPTORS (CONTINUED)

81-006302 Colvin, Bruce A. NEST TRANSFER OF YOUNG BARN OWLS. *Ohio J. Sci.* 81(3):132-134. May 1981. WR 182
[Environ. Studies Cent., Bowling Green State Univ., Bowling Green, OH 43403] *Tyto alba* in Ohio.

81-006303 Crocoll, Scott and James W. Parker. *PROTOCALLIPHORA* INFESTATION IN BROAD-WINGED HAWKS. *Wilson Bull.* 93(1):110. Mar. 1981. WR 182
[Dep. Biol., State Univ. Coll., Fredonia, NY 14063] *Buteo platypterus* in New York.

81-006304 Daniels, Kathleen and G. E. Duke. FACTORS INFLUENCING RESPIRATORY RATES IN FOUR SPECIES OF RAPTORS. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):703-706. 1980. WR 182
[Dep. Vet. Biol., Coll. Vet. Med., Univ. Minn., St. Paul 55108] *Buteo jamaicensis, Falco sparverius, Bubo virginianus* and *Otus asio.*

81-006305 Davis, P. E. and J. E. Davis. THE FOOD OF THE RED KITE IN WALES. *Bird Study* 28(1):33-40. Mar. 1981. WR 182
[Nature Conservancy Council, Fullbrook Mill, Tregaron, Dyfed, Wales] *Milvus milvus.*

81-006306 Debus, Stephen J. S. DISPLAYS OF THE BROWN GOSHAWK. *Aust. Bird Watcher* 8(8):258-259. Dec. 1980. WR 182
[42 Kenneth St., Longeville, New South Wales 2066, Australia] *Accipiter fasciatus.*

81-006307 Dowell, Andrew. TAWNY OWL NESTING IN ABANDONED CAR. *Scott. Birds* 11(6):196. 1981. WR 182
Strix aluco in Scotland.

81-006308 English, Walter; James W. Foster and Christopher Servheen. BALD EAGLE REHABILITATION IN WESTERN WASHINGTON, AN UPDATE. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 69-73. 1980. WR 182
[Woodland Park Zool. Gardens, 5500 Phinney Ave. North, Seattle, WA 98103] *Haliaeetus leucocephalus.*

81-006309 Esbroeck, Jacques van and F. L. (Hans) Gartner. STEENAREND BIJ LELYSTAD IN NOVEMBER 1980. [GOLDEN EAGLE NEAR LELYSTAD IN NOVEMBER 1980.] *Dutch Birding* 2(4):129. Jan. 1981. In Dutch with English summ. WR 182
[ter Kamerenstraat 16, 1200 Brussels, Belgium] *Aquila chrysaetos* in the Netherlands.

81-006310 Fernex, Michel. LES RAPACES DIURNES AU PIED DU JURA SUNDGOVIEN. [THE DIURNAL RAPTORS OF THE FOOT OF THE JURAS.] *Nos Oiseaux* 36(1):25-32. Mar. 1981. In French. WR 182
[F-68480 Biederthal, France]

81-006311 Fielder, Paul C. and Ronald G. Starkey. WINTERING BALD EAGLE USE ALONG THE UPPER COLUMBIA RIVER, WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L.*

RAPTORS (CONTINUED)

81-006311 CONTINUED *Knight and others, editors.* p. 177-193. 1980. WR 182
[Wash. Dep. Game, P.O. Box 1612, Wanatchee 98801] *Haliaeetus leucocephalus.*

81-006312 Fischers, Wolfgang. NOCHMALS: SCHILDKRÖTENABWURF DURCH STEINADLER (*AQUILA CHRYSAËTOS*). [AGAIN: GOLDEN EAGLE *AQUILA CHRYSAËTOS* THROWING TURTLE SHELLS.] *Beitr. Vogelkd.* 26(5):295-297. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-006313 Fitzner, R. E.; W. H. Rickard; L. L. Cadwell and L. E. Rogers. RAPTORS OF THE HANFORD SITE AND NEARBY AREAS OF SOUTHCENTRAL WASHINGTON. *Battelle Pac. Northwest Lab.* PNL-3212. v + 61p. May 1981. Available from NTIS, 5205 Port Royal Rd., Springfield, VA 22151. WR 182

81-006314 Fitzner, Richard E.; Donald G. Watson and William Rickard. BALD EAGLES OF THE HANFORD NATIONAL ENVIRONMENTAL RESEARCH PARK. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 207-218. 1980. WR 182
[Ecol. Sci. Dep., Battelle Pacific Northwest Lab., Richland, WA 99352] *Haliaeetus leucocephalus.*

81-006315 Follen, Don, Sr. and Ken Luepke. SNOWY OWL RECAPTURES. *Inl. Bird Banding* 54(4):60. 1980. WR 182
[Rt. 1, Box 96, Arpin, WI 54410] *Nyctea scandiaca* in Wisconsin.

81-006316 Garcelon, David K. MORTALITY OF GREAT HORNED OWLS ASSOCIATED WITH SKUNKS. *Murrelet* 62(1):26. 1981. WR 182
[Inst. Wildl. Studies, P.O. Box 127, Arcata, CA 95521] *Bubo virginianus* and *Mephitis mephitis* in California.

81-006317 Goyer, Nannette; Albert L. Barr and Alan R. P. Journet. BARN OWL PELLET ANALYSIS IN NORTHWESTERN HARRIS COUNTY, TEXAS. *Southwest. Nat.* 26(2):202-204. 21 May 1981. WR 182
[Dep. Entomol., Tex. A&M Univ., College Station 77843] *Tyto alba.*

81-006318 Griffin, Curtice R. and William H. Elder. NESTING RECORDS FOR THE BALD EAGLE IN MISSOURI AND THE LOWER MISSISSIPPI RIVER. *Trans. Mo. Acad. Sci.* 14:5-7. 1980. WR 182
[Mo. Coop. Wildl. Res. Unit, Univ. Mo., Columbia 65211] *Haliaeetus leucocephalus.*

81-006319 Grimm, Peter. ROHRWEIHE (*CIRCUS AERUGINOSUS*) NIMMT LUDER AN. [MARSH HARRIER *CIRCUS AERUGINOSUS* SEIZES CARRION.] *Beitr. Vogelkd.* 26(6):366. 1980. In German. WR 182
[Willi-Bredel-Straße 9, DDR-2700 Schwerin-Weststadt, East Germany]

81-006320 Grimm, Peter. ZUR BEUTESPEZIALISIERUNG EINES TURMFALKEN (*FALCO TINNUNCULUS*). [ON THE PREDATORY PROFICIENCY OF A KESTREL *FALCO TINNUNCULUS.*] *Beitr. Vogelkd.* 26(1):60. 1980. In German. WR 182
[Warnowallee 21/810/, DDR-2520 Rostock 22, East Germany]

RAPTORS (CONTINUED)

81-006321 Grubb, Teryl G. AN EVALUATION OF BALD EAGLE NESTING IN WESTERN WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 87-103. 1980. WR 182
[U.S. Forest Serv., Rocky Mountain Forest & Range Exp. Stn., Ariz. State Univ., Tempe 85281] *Haliaeetus leucocephalus.*

81-006322 Gullion, Gordon W. A QUARTER CENTURY OF GOSHAWK NESTING AT CLOQUET. *Loon* 53(1):3-5. 1981. WR 182
[Forest Wildl. Project, Univ. Minn., Cloquet 55720] *Accipiter gentilis* in Minnesota.

81-006323 Hancock, Betsy; Jim Ducey and Ross A. Lock. CAPTIVE BREEDING OF BARN OWLS IN NEBRASKA--INITIAL EFFORTS. *Nebr. Bird Rev.* 49(2):31-33. June 1981. WR 182
[RFD 3, Lincoln, NE 68507] *Tyto alba.*

81-006324 Hansen, Andrew J. and James W. Bartelme. WINTER ECOLOGY AND MANAGEMENT OF BALD EAGLES ON THE SKYKOMISH RIVER, WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 133-144. 1980. WR 182
[Natl. Audubon Soc., General Delivery, Haines, AK 99827] *Haliaeetus leucocephalus.*

81-006325 Hansen, Andrew J.; Mark V. Stalmaster and James R. Newman. HABITAT CHARACTERISTICS, FUNCTION, AND DESTRUCTION OF BALD EAGLE COMMUNAL ROOSTS IN WESTERN WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 221-229. 1980. WR 182
[Natl. Audubon Soc., General Delivery, Haines, AK 99827] *Haliaeetus leucocephalus.*

81-006326 Hansen, Gunnar. ALFAKLORALOSE--EN ALVORLIG TRUSEL MOT EUROPEISKE ROVFUGLER! [ALPHACHLORALOSE--A SERIOUS THREAT TO EUROPEAN BIRDS OF PREY.] *Vår Fuglefauna* 3(1):14-19. 1980. In Norwegian with English summ. WR 182
[Teisenveien 3, N-Oslo 6, Norway] Courtesy/Jon Swenson.

81-006327 Harris, Paul A. A BIBLIOGRAPHY ON THE CAPTURING, AGING, SEXING, AND BANDING OF NORTH AMERICAN OWLS. *Inl. Bird Banding* 52(4):49-55. 1980. WR 182
[1609 S. 28th St., LaCrosse, WI 54601]

81-006328 Hemke, Erwin. VIERER-BRUTEN DES FISCHADLERS (*PANDION HALIAETUS*). [FOUR BROODS OF THE OSPREY *PANDION HALIAETUS*.] *Beitr. Vogelkd.* 26(5):282-284. 1980. In German. WR 182
[Parkstraße 5, DDR-2080 Neustrelitz, East Germany]

81-006329 Higuchi, Hiroyoshi and Hiroshi Momose. [ON THE CALLS OF THE COLLARED SCOPS OWL *OTUS BAKKAMOENA* IN JAPAN.] *Tori* 29(2/3):91-94. Oct. 1980. In English with Japanese summ. WR 182
[Lab. For. Zool., Fac. Agric., Univ. Tokyo, Bunkyo-ku, Tokyo 113, Japan]

RAPTORS (CONTINUED)

81-006330 Hitchins, P. M. BREEDING POPULATIONS OF VULTURES IN THE HLUHLUWE-UMFOLOZI GAME RESERVE COMPLEX. *Lammergeyer* No. 30. p. 26-31. Oct. 1980. WR 182
[P.O. Box 8, Mfolozi, 3925 South Africa] *Gyps africanus, G. coprotheres, Aegypius tracheliotus, A. occipitalis* and *Neophron monachus.*

81-006331 Hodson, Keith. PEREGRINE FALCONS IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 85-87. 1980. WR 182
[Fish & Wildl. Branch, P.O. Box 3250, Smithers, British Columbia, Canada V0J 2N0] *Falco peregrinus* sspp.

81-006332 Howard, Richard P. and Lawrence J. Van Daele. AN OVERVIEW OF THE STATUS OF BALD EAGLES IN IDAHO. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 23-33. 1980. WR 182
[U.S. Fish & Wildl. Serv., 4620 Overland Rd., Boise, ID 83705] *Haliaeetus leucocephalus.*

81-006333 Howie, Richard. THE BURROWING OWL IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 88-95. 1980. WR 182
[Parks & Outdoor Recreation Div., 101-1050 Columbia St. W., Kamloops, British Columbia, Canada V2C 1L4] *Athene cunicularia hypugaea.*

81-006334 Howie, Richard. THE SPOTTED OWL IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 96-105. 1980. WR 182
[Parks & Outdoor Recreation Div., 101-1050 Columbia St. W., Kamloops, British Columbia, Canada V2C 1L4] *Strix occidentalis caurina.*

81-006335 Hummel, D. HABICHT (*ACCIPITER GENTILIS*) SCHLÄGT ROHRWEIHEN (*CIRCUS AERUGINOSUS*). [GOSHAWK KILLS MARSH HARRIERS.] *Vogelwelt* 102(2):51-55. 1981. In German with English summ. WR 182
[Trinchenberg 4, 3302 Cremlingen 1, Weddel, West Germany]

81-006336 IJzendoorn, Edward J. van. REVIEW OF ZUIDELIJK FLEVOLAND RECORD OF PALLAS'S FISH EAGLE. *Dutch Birding* 2(4):128. Jan. 1981. In English. WR 182
[3e Schinkelstraat 45, 1075 TK Amsterdam, Netherlands] *Haliaeetus leucorypus* in the Netherlands.

81-006337 Jackson, Jerome A. SCREECH OWL CAUGHT IN NYLON LIGHTENSTEIN'S ORIOLE NEST. *Southwest. Nat.* 26(2):214-215. 21 May 1981. WR 182
[Miss. State Univ., Mississippi State 39762] *Otus asio* and *Icterus gularis* in Texas.

81-006338 Jakobsen, Jentoft. NOEN OBSERVASJONER AV SPURVEUGLENS ATFERD OG ERNÆRING I ET SMÅGNAGERÅR. [OBSERVATIONS OF THE PYGMY OWL.] *Vår Fuglefauna* 1(3/4):169-170. 1978. In Norwegian with English summ. WR 182

RAPTORS (CONTINUED)

81-006338 CONTINUED
[Soløy, N-9465 Tennevold, Norway] Winter observations of *Glaucidium passerinum* in Norway.--Courtesy/Jon Swenson.

81-006339 Johnson, Mark. SUMMER HAWK OWL RECORD. *Loon* 53(1):53-54. 1981. WR 182
[1351 E. Maynard Dr., #518, St. Paul, MN 55116] *Surnia ulula* in Minnesota.

81-006340 Johnstone, Joy W. BARN OWL IN BASS STRAIT. *Aust. Bird Watcher* 8(8):257-258. Dec. 1980. WR 182
[P.O. Box 108, Lakes Entrance, Victoria 3909, Australia] *Tyto alba*.

81-006341 Juillard, M. NICHOIR POUR CHOUETTE CHEVÊCHE (*ATHENE NOCTUA*). [NESTBOX FOR THE LITTLE OWL *ATHENE NOCTUA*.] *Nos Oiseaux* 36(1):40-42. Mar. 1981. In French. WR 182

81-006342 Jurek, Ronald M. RECOVERY PLANNING FOR THE BALD EAGLE IN THE PACIFIC STATES. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 45-47. 1980. WR 182
[Calif. Dep. Fish & Game, 1416 Ninth St., Sacramento 95814] *Haliaeetus leucocephalus*.

81-006343 Königstedt, Dietmar. ROTFUßFALK (*FALCO VESPERTINUS*) AUF DEM FRÜHJAHRSZUG IM FIENER BRUCH BEI TUCHEIM (KR. GENTHIN). [*FALCO VESPERTINUS* IN THE SPRING MIGRATION IN FIENER BRUCH NEAR TUCHEIM (KR. GENTHIN).] *Beitr. Vogelkd.* 26(1):63. 1980. In German. WR 182
[Erich-Weinert-Straße 9, DDR-2200 Greifswald, East Germany]

81-006344 Karlsen, Svein. EN HAVØRNTRAGEDIE. [A WHITE-TAILED EAGLE TRAGEDY.] *Vår Fuglefauna* 2(2):117-118. 1979. In Norwegian with English summ. WR 182
[Zool. Inst., NLHT, Rosenborg, N-7000 Trondheim, Norway] Four *Haliaeetus albicilla* drowned in a hole in the ice in a stream, apparently falling through thin ice at the edge of the hole.--Courtesy/Jon Swenson.

81-006345 Karlsen, Svein. PROBLEMER I FORVALTNINGEN AVKONGEØRN OG ANDRE ROVFUGLER. [PROBLEMS OF MANAGEMENT OF THE GOLDEN EAGLE AND OTHER BIRDS OF PREY.] *Vår Fuglefauna* 2(2):107-113. 1979. In Norwegian with English summ. WR 182
[Zool. Inst., NLHT, Rosenborg, N-7000 Trondheim, Norway] A review of the management of large raptors, particularly the golden eagle *Aquila chrysaetos*, in Norway.--Courtesy/Jon Swenson.

81-006346 Kenward, Robert E.; Vidar Marcström and Mats Karlbom. GOSHAWK WINTER ECOLOGY IN SWEDISH PHEASANT HABITATS. *J. Wildl. Manage.* 45(2):397-408. Apr. 1981. WR 182
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntington PE17 2LS, England] *Accipiter gentilis*.

RAPTORS (CONTINUED)

81-006347 Klein, Willi. NAHRUNGSERWERB DES SCHWARZMILANS (*MILVUS MIGRANS*) UND DES ROTMILANS (*MILVUS MILVUS*) AN EINER KLÄRANLAGE UND IM BEREICH EINER MAIN-STAUSTUFE; GEFAHR FÜR DIESE ARTEN. [FOOD HABITS OF THE BLACK KITE *MILVUS MIGRANS* AND THE KITE *MILVUS MILVUS* IN A CLEARED SITE AND IN THE AREA OF THE LOWER REACHES OF THE MAIN RIVER; DANGER FOR THESE SPECIES.] *Luscinia* 44(1/2):17-26. 1979. In German with English summ. WR 182
[Max-Planck-Straße 9, 6450 Hanau, West Germany]

81-006348 Knight, Richard L.; Tim P. D'Acci and Ron C. Friesz. SUMMARY OF THE MID-WINTER BALD EAGLE SURVEY OF WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 123-131. 1980. WR 182
[Wash. Dep. Game, 3109 Seminar Bldg., TESC TA-00, Olympia 98505] *Haliaeetus leucocephalus.*

81-006349 Knight, Richard L.; George T. Allen; Mark V. Stalmaster and Christopher W. Servheen, editors. PROCEEDINGS OF THE WASHINGTON BALD EAGLE SYMPOSIUM, 14-15 JUNE 1980, SEATTLE, WASHINGTON. *The Nature Conservancy* viii + 254p. 1980. Available at $10.00 from Fayette Krause, The Nature Conservancy, 618 Smith Tower, Seattle, WA 98104. WR 182
Haliaeetus leucocephalus. Individual papers are listed in this issue of *Wildlife Review.*

81-006350 Kranebitter, Leo. GREIFE UND EULEN IN OSTTIROL. [RAPTORS AND OWLS IN EAST TYROL.] *Monticola* 4(48):147-148. 15 Dec. 1980. In German. WR 182
[Pestalozzistraße 19, A-9900 Lienz/Debant, Austria]

81-006351 Krause, Fayette F. THE SKAGIT RIVER BALD EAGLE NATURAL AREA AND THE NATURE CONSERVANCY. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 75-78. 1980. WR 182
[The Nature Conservancy, 618 Smith Tower, Seattle, WA 98104] *Haliaeetus leucocephalus.*

81-006352 Kummer, Johannes. ZUM BRÜTEN VON *FALCO VESPERTINUS* BIE HALLE/S. [ON THE BREEDING OF A RED-FOOTED FALCON *FALCO VESPERTINUS* IN HALLE/S.] *Beitr. Vogelkd.* 26(1):56. 1980. In German. WR 182
[Hallstraße 51, DDR-3500 Stendal, East Germany]

81-006353 Lambert, Anthony. PRESENCE AND FOOD PREFERENCES OF THE GREAT HORNED OWL IN THE URBAN PARKS OF SEATTLE. *Murrelet* 62(1):2-5. 1981. WR 182
[6702-34th Ave., N.W., Seattle, WA 98117] *Bubo virginianus* in Washington.

81-006354 Ledger, John A. and Harold J. Annegarn. ELECTROCUTION HAZARDS TO THE CAPE VULTURE *GYPS COPROTHERES* IN SOUTH AFRICA. *Biol. Conserv.* 20(1):15-24. May 1981. WR 182
[Vulture Study Group, Endangered Wildl. Trust, P.O. Box 4190, Johannesburg 2000, South Africa]

RAPTORS (CONTINUED)

81-006355 Leprince, P.; G. Dandrifosse; G. Goffinet and E. Schoffeniels. HOW ARE FEATHERS DIGESTED BY RAPTORS? *Biochem. Syst. Ecol.* 8(2):211-219. 1980. WR 182
[Lab. Gen. & Comp. Biochem., Univ. Liège, 17 Place Delcour, B 4020 Liège, Belgium]

81-006356 Lincer, Jeffrey L. BALD EAGLE MANAGEMENT AT THE LOCAL GOVERNMENT LEVEL. *Fla. Sci.* 44(suppl. 1):36-37. 1981. Abstract only. WR 182
[County Environ. Specialist, P.O. Box 8, Sarasota, FL 33578]

81-006357 Lindberg, Peter. OVALIGA BYTESDJUR FUNNA I BON AV JAKTFALK *FALCO RUSTICOLUS* OCH PILGRIMSFALK *FALCO PEREGRINUS*. [UNCOMMON KINDS OF PREY IN NESTS OF *FALCO RUSTICOLUS* AND *FALCO PEREGRINUS*.] *Vår Fågelvärld* 40(2):111. 1981. In Swedish with English summ. WR 182
[Zool. Inst., Box 25059, 400 31 Goteborg, Sweden]

81-006358 Liversidge, R.; P. Richardson and A. Gubb. THE SOOTY FALCON *FALCO CONCOLOR* IN THE SOUTHERN KALAHARI. *Bull. Br. Ornithol. Club* 101(1):268-270. Mar. 1981. WR 182
[McGregor Mus., Box 316, Kimberley 8300, South Africa]

81-006359 Mader, William J. NOTES ON NESTING RAPTORS IN THE LLANOS OF VENEZUELA. *Condor* 83(1):48-51. Feb. 1981. WR 182
[Dep. Zool., Brigham Young Univ., Provo, UT 84602] Data for 13 spp.

81-006360 Marsh, Richard L. and Robert W. Storer. CORRELATION OF FLIGHT-MUSCLE SIZE AND BODY MASS IN COOPER'S HAWKS: A NATURAL ANALOGUE OF POWER TRAINING. *J. Exp. Biol.* 91:363-368. Apr. 1981. WR 182
[Dep. Dev. & Cell Biol., Univ. Calif., Irvine 92717] *Accipiter cooperii*.

81-006361 McKeever, Larry. HOW WE WORK TO SAVE AND HEAL INJURED OWLS. *Can. Geogr.* 99(3):18-27. 1979. From Ecol. Abstr. 1980/5:80L/6808. 1980. WR 182

81-006362 Mellow, Brian K. and Peter A. Maker. AMERICAN KESTREL IN CORNWALL. *Br. Birds* 74(5):227. May 1981. WR 182
[8 Tregothnan Rd., Malpas, Truro, Cornwall, England] *Falco sparverius*.

81-006363 Mertens, Rolf. ERSTNACHWEIS DES RAUHFUßKAUZES (*AEGOLIUS FUNEREUS*) FÜR DIE TÜRKEI. [FIRST REPORT OF TENGMALM'S OWL *AEGOLIUS FUNEREUS* FOR TURKEY.] *Vogelwelt* 102(1):30-31. 1981. In German. WR 182
[Unternien, D-5272 Wipperfürth, East Germany]

81-006364 Minnemann, Dieter and Horst Busse. BEITRAG ZUR FORTPFLANZUNGSBIOLOGIE DES TURKMENEN-UHUS, *BUBO BUBO OMISSUS* DEMENTJEW, 1932. [CONTRIBUTION OF THE REPRODUCTION OF THE EAGLE OWL *BUBO BUBO OMISSUS*.] *Milu* 5(1/2):157-166. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

RAPTORS (CONTINUED)

81-006365 Minor, William F. and Maureen L. Minor. NESTING OF RED-TAILED HAWKS AND GREAT HORNED OWLS IN CENTRAL NEW YORK SUBURBAN AREAS. *Kingbird* 31(2):68-76. 1981. WR 182
[410 E. Franklin St., Fayetteville, NY 13066] *Buteo jamaicensis* and *Bubo virginianus*.

81-006366 Mollhoff, Wayne J. GREAT GRAY OWL DISTRIBUTION, WINTER 1977-78. *Nebr. Bird Rev.* 47(4):62-65. Dec. 1979. WR 182
[736 S. Third, Albion, NE 68620] *Strix nebulosa*.

81-006367 Mori, Shinya. [BREEDING BIOLOGY OF THE WHITE-TAILED EAGLE *HALIAEETUS ALBICILLA* IN HOKKAIDO, JAPAN.] *Tori* 29(2/3):47-68. Oct. 1980. In Japanese with English summ. WR 182
[Asahi-cho 9, Shari-cho, Shari-gun, Hokkaido 099-41, Japan]

81-006368 Mueller, Helmut C.; Nancy S. Mueller and Patricia G. Parker. OBSERVATION OF A BROOD OF SHARP-SHINNED HAWKS IN ONTARIO, WITH COMMENTS ON THE FUNCTIONS OF SEXUAL DIMORPHISM. *Wilson Bull.* 93(1):85-92. Mar. 1981. WR 182
[Dep. Zool., Univ. N.C., Chapel Hill 27514] *Accipiter striatus* in Canada.

81-006369 Mundy, P. J. and C. M. Foggin. EPILEPTIFORM SEIZURES IN CAPTIVE AFRICAN VULTURES. *J. Wildl. Dis.* 17(2):259-265. Apr. 1981. WR 182
[Endangered Wildl. Trust., P.O. Box 4190, Johannesburg 2000, South Africa] *Gyps africanus, G. coprotheres, Torgos tracheliotus* and *Trigonoceps occipitalis*.

81-006370 Murphy, Joseph R. THE BALD EAGLE: YESTERDAY, TODAY...AND TOMORROW? *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R.L. Knight and others, editors.* p. 15-20. 1980. WR 182
[Dep. Zool., Brigham Young Univ., Provo, UT 84602] *Haliaeetus leucocephalus*.

81-006371 Nash, Charles; Melinda Pruett-Jones and George T. Allen. THE SAN JUAN ISLANDS BALD EAGLE NESTING SURVEY. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 105-115. 1980. WR 182
[P.O. Box 93, Friday Harbor, WA 98250] *Haliaeetus leucocephalus* in Washington.

81-006372 Newton, I. and M. Marquiss. SEX RATIO AMONG NESTLINGS OF THE EUROPEAN SPARROWHAWK. *Am. Nat.* 113(2):309-315. Feb. 1979. WR 182
[Inst. Terrestrial Ecol., 12 Hope Terrace, Morningside, Edinburgh 9, Scotland] *Accipiter nisus*.

81-006373 Newton, I.; P. E. Davis and D. Moss. DISTRIBUTION AND BREEDING OF RED KITES IN RELATION TO LAND-USE IN WALES. *J. Appl. Ecol.* 18(1):173-186. Apr. 1981. WR 182
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, Cambs. PE17 2LS, England] *Milvus milvus*.

RAPTORS (CONTINUED)

81-006374 Nygård, Torgeir. HVA KAN GJØRES FOR Å ØKE DEN NORSKE BESTANDEN AV VANDREFALK *FALCO PEREGRINUS*? [WHAT CAN BE DONE TO INCREASE THE NORWEGIAN PEREGRINE POPULATION?] *Vår Fuglefauna* 3(1):27-31. 1980. In Norwegian with English summ. WR 182
[Zool. Inst., NLHT, Bernhard Getz gt. 6, N-7000 Trondheim, Norway] The author discusses the techniques used in USA and Canada to increase the numbers of peregrine falcons and their potential for use in Norway.--Courtesy/Jon Swenson.

81-006375 Olendorff, Richard R.; Robert S. Motroni and Mayo W. Call. RAPTOR MANAGEMENT, THE STATE OF THE ART IN 1980. *U.S. Bur. Land Manage. Tech. Note* 345:ii + 56p. Oct. 1980. From Monthly Catalog of U.S. Government Publications 81-648. Jan. 1981. WR 182

81-006376 Oliphant, Lynn W. CRYSTALLINE PTERIDINES IN THE STROMAL PIGMENT CELLS OF THE IRIS OF THE GREAT HORNED OWL. *Cell Tissue Res.* 217(2):387-395. May 1981. WR 182
[Dep. Vet. Anat., Univ. Saskatchewan, Saskatoon, Saskatchewan S7N 0W0, Canada] *Bubo virginianus.*

81-006377 Opp, Ralph R. STATUS OF THE BALD EAGLE IN OREGON - 1980. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle Washington. R. L. Knight and others, editors.* p. 35-41. 1980. WR 182
[Oreg. Dep. Fish & Wildl., 4343 Miller Island Rd., Klamath Falls 97601] *Haliaeetus leucocephalus.*

81-006378 Orians, Gordon H. WHY ARE BALD EAGLES BALD? *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 3-11. 1980. WR 182
[Dep. Zool., Univ. Wash., Seattle 98195] Data for several species of raptors.

81-006379 Pannach, Dieter. EIN EXTREM HOHER NESTSTAND DES TURMFALKEN, *FALCO TINNUNCULUS*. [AN EXTREMELY HIGH NEST SITE OF A KESTREL *FALCO TINNUNCULUS*.] *Beitr. Vogelkd.* 26(5):303-304. 1980. In German. WR 182
[Diesterwegstraße 18, DDR-7581 Boxberg, East Germany] 120 Meters.

81-006380 Paull, David E. BUZZARD CATCHING STICK IN FLIGHT. *Br. Birds* 74(5):226-227. May 1981. WR 182
[28 East St., Ilminster, Somerset TA19 0AJ, England] *Buteo buteo.*

81-006381 Philips, James R. MITES (ACARINA) FROM NESTS OF NORWEGIAN BIRDS OF PREY. *Fauna Norv. Ser. B* 28(1):44-47. 1981. WR 182
[Sci. Dep., Babson Coll., Babson Park, MA 02157] *Accipiter gentilis* and *Aegolius funereus.*

81-006382 Pieper, H. ZUR SÄUGETIERNAHRUNG DES UHUS (*BUBO BUBO*) AUF DER GRIECHISCHEN INSEL LESBOS. [ON THE MAMMALIAN PREY OF THE EAGLE OWL *BUBO BUBO* ON THE GRECIAN ISLAND LESBOS.] *Vogelwelt* 102(2):55-56. 1981. In German with English summ. WR 182
[Archäol.-Zool. Arbeitsgruppe, Schloß Gottorf, D-2380 Schleswig, West Germany] Twelve species of mammals.

RAPTORS (CONTINUED)

81-006383 Plath, Lothar. MAßENSCHLAFPLATZ DER KORNWEIHE, *CIRCUS CYANEUS* (L.), IN DER HAVELNIEDERUNG BEI HAVELBERG. [ROOST OF THE HEN HARRIER *CIRCUS CYANEUS* IN THE LOWLANDS NEAR HAVELBERG.] *Beitr. Vogelkd.* 26(5):297-298. 1980. In German. WR 182
[Rigaer Straße 18, DDR-2520 Rostock 22, East Germany]

81-006384 Ralph, Stephen C. WINTERING BALD EAGLE CENSUS ALONG THE MAINSTREAM SKAGIT RIVER, WASHINGTON, FROM SEDRO WOOLLEY TO ROCKPORT, 1979-80. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 147-162. 1980. WR 182
[Office Environ. Affairs, Seattle City Light, 1015 Third Ave., Seattle, WA 98104] *Haliaeetus leucocephalus.*

81-006385 Rogers, William and Stephen Leatherwood. OBSERVATIONS OF FEEDING AT SEA BY A PEREGRINE FALCON AND AN OSPREY. *Condor* 83(1):89-90. Feb. 1981. WR 182
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Falco peregrinus* and *Pandion haliaetus.*

81-006386 Russell, Diana. OCCURRENCE AND HUMAN DISTURBANCE SENSITIVITY OF WINTERING BALD EAGLES ON THE SAUK AND SUIATTLE RIVERS, WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 165-174. 1980. WR 182
[U.S. Forest Serv., 1022 First Ave., Seattle, WA 98104] *Haliaeetus leucocephalus.*

81-006387 Salter, R. E. AN ADDITIONAL RECORD OF THE WHITETAILED SEA EAGLE, *HALIAEETUS ALBICILLA* (LINNAEUS) IN NORTH-WESTERN INDIA. *J. Bombay Nat. Hist. Soc.* 74(3):526-527. Dec. 1977. WR 182
[Dep. Anim. Sci., Univ. Alberta, Edmonton, Alberta, Canada]

81-006388 Schei, Peter J. PROSJEKT FALK I 1979. [THE NORWEGIAN FALCON PROJECT IN 1979.] *Vår Fuglefauna* 3(1):35-37. 1980. In Norwegian with English summ. WR 182
[Rugstein 15, N-2006 Løvenstad, Norway] The peregrine falcon (*Falco peregrinus*) population in Norway continues to decline.--Courtesy/Jon Swenson.

81-006389 Scheibel, Michael S. GYRFALCON SIGHTING IN NASSAU COUNTY, L.I. *Kingbird* 31(2):82. 1981. WR 182
[N.Y. State Dep. Environ. Conserv., Bldg. 40, State Univ. N.Y., Stony Brook 11794] *Falco rusticolus* in New York.

81-006390 Schlatter, Roberto P. and Jorge Morales. SITUACION DE AGUILA PESCADORA, *PANDION HALIAETUS CAROLINENSIS* (GMELIN), EN CHILE, CON ESPECIAL REFERENCIA DE VALDIVIA. [STATUS OF THE OSPREY, *PANDION HALIAETUS CAROLINENSIS* (GMELIN), IN CHILE, WITH SPECIAL REFERENCE TO THE PROVINCE OF VALDIVIA.] *Medio Ambiente* 4(2):18-22. 1980. In Spanish. WR 182

81-006391 Schmidt, K.-H.; Th. Gies; U. Reichard and H. Heilmann. ZUR NAHRUNGSÖKOLOGIE VON SCHLEIEREULEN IN HESSEN. [ON THE FEEDING ECOLOGY OF BARN OWLS IN HESSEN.] *Luscinia* 44(1/2):5-16. 1979. In German. WR 182

RAPTORS (CONTINUED)

81-006391 CONTINUED
[Fachbereich Biol., Univ. Frankfurt, Sophienstraße 1-3, 6000 Frankfurt/Main, West Germany] *Tyto alba*.

81-006392 Schmidt, Rod. FERRUGINOUS HAWK BREEDING DOCUMENTED IN SARGENT COUNTY, NORTH DAKOTA. *Prairie Nat.* 13(1):32. Mar. 1981. WR 182
[Biol. Branch, U.S. Water & Power Resour. Serv., Bismarck, ND 58501] *Buteo regalis*.

81-006393 Simon, Serge and Dominique Simon. OBSERVATIONS SUR LA REPRODUCTION DE LA CHOUETTE ÉPERVIÈRE *SURNIA ULULA*. [OBSERVATIONS ON THE REPRODUCTION OF THE NORTHERN HAWK OWL *SURNIA ULULA*.] *Alauda* 48(2-3):152-153. Sept. 1980. In French. WR 182
[4 Impasse Bon-Secours, 75011 Paris, France]

81-006394 Sinclair, J. C. FIRST SIGHT RECORDS OF THE BOOTED EAGLE IN ANGOLA. *Ostrich* 52(1):57. Mar. 1981. WR 182
[FitzPatrick Inst., Univ. Cape Town, Rondebosch, South Africa 7700] *Hieraaetus pennatus*.

81-006395 Skinner, J. D.; M. Lindeque; R. J. van Aarde and R. C. Dieckmann. THE PREY OF OWLS FROM KOICHAB PAN IN THE SOUTHERN NAMIB DESERT. *Madoqua* 12(3):181-182. 1980. WR 182
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa] *Bubo africanus* in South West Africa.

81-006396 Smith, Carol F. OWLS IN NEW HAMPSHIRE. AN HISTORICAL PERSPECTIVE. *N.H. Audubon Annu.* p. 27-35. 1980. WR 182

81-006397 Smith, Dwight G. and Richard L. Knight. WINTER POPULATION TRENDS OF RAPTORS IN WASHINGTON FROM CHRISTMAS BIRD COUNTS. *Wash. Dep. Fish Game* i + 76p. Apr. 1981. WR 182
[Dep. Biol., Southern Conn. State Univ., New Haven 06515] Data for 26 spp. for the period 1946-1979.

81-006398 Smith, Dwight G. and Daniel T. Walsh. A MODIFIED BAL-CHATRI TRAP FOR CAPTURING SCREECH OWLS. *N. Am. Bird Bander* 6(1):14-15. Jan.-Mar. 1981. WR 182
[Biol. Dep., Southern Conn. State Coll., New Haven 06515] *Otus asio* in Connecticut.

81-006399 Sollien, Asbjørn. BESTANDSUTVIKLINGEN HOS HØNSEHAUK *ACCIPITER GENTILIS*, I NORGE DE SISTE 100 ÅR. [THE GOSHAWK POPULATION IN NORWAY OVER THE PAST 100 YEARS.] *Vår Fuglefauna* 2(2):95-106. 1979. In Norwegian with English summ. WR 182
Courtesy/Jon Swenson.

RAPTORS (CONTINUED)

81-006400 Sonter, Chris. BLACK KITES FOLLOWING THE PLOUGH. *Aust. Birds* 15(3):42-43. Mar. 1981. WR 182
[72 San Mateo Ave., Mildura, Victoria 3500, Australia] *Milvus migrans* in Australia.

81-006401 Soucy, Leonard J., Jr. SOME OBSERVATIONS ON NESTING BARN OWLS IN NEW JERSEY. *N. Am. Bird Bander* 4(4):164-165. Oct.-Dec. 1979. WR 182
[1390 White Bridge Rd., Millington, NY 07946] *Tyto alba*.

81-006402 Stalmaster, Mark V. MANAGEMENT STRATEGIES FOR WINTERING BALD EAGLES IN THE PACIFIC NORTHWEST. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 49-67. 1980. WR 182
[Dep. Biol. & Ecol. Cent., Utah State Univ., UMC, Logan 84322] *Haliaeetus leucocephalus*.

81-006403 Steinhaus, Gerard H. SNEEUWUIL IN FRIESLAND IN WINTER VAN 1980/81. [SNOWY OWL IN FRIESLAND IN WINTER OF 1980/81.] *Dutch Birding* 2(4):142-143. Jan. 1981. In Dutch with English summ. WR 182
[Graaf Adolflaan 11, 3708 XA Zeist, Netherlands] *Nyctea scandiaca* in the Netherlands.

81-006404 Stone, Ward B. and Peter E. Nye. TRICHOMONIASIS IN BALD EAGLES. *Wilson Bull.* 93(1):109. Mar. 1981. WR 182
[Dep. Environ. Conserv., Delmar Wildl. Resour. Cent., Delmar, NY 12054] *Haliaeetus leucecephalus* in New York.

81-006405 Sutton, George M. IS THE AMERICAN KESTREL TWO-BROODED IN OKLAHOMA? *Bull. Okla. Ornithol. Soc.* 12(4):30-31. Dec. 1979. WR 182
[818 West Brooks St., Norman, OK 73069] *Falco sparverius*.

81-006406 Sutton, George M. and Jack D. Tyler. ON THE BEHAVIOR OF AMERICAN KESTRELS NESTING IN TOWN. *Bull. Okla. Ornithol. Soc.* 12(4):25-29. Dec. 1979. WR 182
[818 West Brooks St., Norman, OK 73069] *Falco sparverius* in Oklahoma.

81-006407 Svendsen, Rolf S. KONGEØRN *AQUILA CHRYSAETOS* ANGREP SAU. [A REMARKABLE ATTACK BY A GOLDEN EAGLE ON A SHEEP.] *Vår Fuglefauna* 3(1):20-26. 1980. In Norwegian with English summ. WR 182
[N-2540 Tolga, Norway] The attack occurred in Norway.--Courtesy/Jon Swenson.

81-006408 Taylor, A. M. AMERICAN KESTREL: NEW TO BRITAIN AND IRELAND. *Br. Birds* 74(5):199-203. May 1981. WR 182
[Apple Tree Cottage, Mill End, Damerham, near Fordingbridge, Hampshire SP6 3HU, England] *Falco sparverius*.

81-006409 Thurber, Walter A. AERIAL "PLAY" OF BLACK VULTURES. *Wilson Bull.* 93(1):97. Mar. 1981. WR 182
[Cornell Univ. Lab. Ornithol., 159 Sapsucker Woods Rd., Ithaca, NY 14853] *Coragyps atratus* in El Salvador.

RAPTORS (CONTINUED)

81-006410 Thurow, Thomas L. and Hal L. Black. ECOLOGY AND BEHAVIOR OF THE GYMNOGENE. *Ostrich* 52(1):25-35. Mar. 1981. WR 182
[P.O. Box 1625, Idaho Falls, ID 83415] *Polyborides typus* in South Africa.

81-006411 Titus, Kimberly and James A. Mosher. NEST-SITE HABITAT SELECTED BY WOODLAND HAWKS IN THE CENTRAL APPALACHIANS. *Auk* 98(2):270-281. Apr. 1981. WR 182
[Cent. Environ. & Estuarine Studies, Frostburg State Coll. Campus-Gunter Hall, Frostburg, MD 21532] *Buteo platypterus, B. lineatus, B. jamaicensis* and *Accipiter cooperii* in Maryland.

81-006412 Tømmeraas, Per J. UVANLIGE BYTTEDYR HOS FJELLVÅK. [UNUSUAL QUARRIES FOR A ROUGH-LEGGED BUZZARD.] *Vår Fuglefauna* 1(3/4):173-176. 1978. In Norwegian with English summ. WR 182
[Zool. Inst., NLHT, Rosenborg, N-7000 Trondheim, Norway] *Buteo lagopus* in Norway.--Courtesy/Jon Swenson.

81-006413 Tømmeraas, Per J. KUNSTIGE REIRPLASSER FOR JAKTFALK *FALCO RUSTICOLUS* OG VANDREFALK *FALCO PEREGRINUS*. [ARTIFICIAL NEST SITES FOR GYRFALCON AND PEREGRINE.] *Vår Fuglefauna* 1(3/4):142-151. 1978. In Norwegian with English summ. WR 182
[Zool. Inst., NLHT, Rosenborg, N-7000 Trondheim, Norway] Courtesy/Jon Swenson.

81-006414 Tomback, Diana F. and Joseph R. Murphy. FOOD DEPRIVATION AND TEMPERATURE REGULATION IN NESTLING FERRUGINOUS HAWKS. *Wilson Bull.* 93(1):92-97. Mar. 1981. WR 182
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Buteo regalis*.

81-006415 Treleaven, R. B. HIGH AND LOW INTENSITY HUNTING IN RAPTORS. *Z. Tierpsychol.* 54(4):339-345. 1980. In English with German summ. WR 182
[Blue Wings, South Petherwin, Launceston, Cornwall, England] *Falco peregrinus* in England.

81-006416 Trichka, Carl. NAUTICAL OWLS. *N. Am. Bird Bander* 6(1):18. Jan.-Mar. 1981. WR 182
[65 Glover St., Fairfield, CT 06430] *Tyto alba* in Connecticut.

81-006417 Turner, D. A. THE MOUNTAIN BUZZARD *BUTEO TACHARDUS* IN TANZANIA. *Scopus* 4(4):92-93. Dec. 1980. WR 182
[Box 48019, Nairobi, Kenya]

81-006418 Turner, Linda J. and Ralph W. Dimmick. SEASONAL PREY CAPTURE BY THE SCREECH OWL IN TENNESSEE. *J. Tenn. Acad. Sci.* 56(2):56-59. Apr. 1981. WR 182
[TVA, Norris, TN 37828] *Otus asio*.

81-006419 Tyler, Jack D. THE SWAINSON'S HAWK IN SOUTHWESTERN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(2):11-12. June 1981. WR 182
[Dep. Biol., Cameron Univ., Lawton, OK 73505] *Buteo swainsoni*.

RAPTORS (CONTINUED)

81-006420 Wagner, Phillip W. and Carl D. Marti. GREAT GRAY OWLS IN UTAH--IS WEATHER A FACTOR? *Southwest. Nat.* 26(2):207. 21 May 1981. WR 182
[Utah Div. Wildl. Resour., Salt lake City 84116] *Strix nebulosa.*

81-006421 Watson, J. FOOD OF MERLINS NESTING IN YOUNG CONIFER FOREST. *Bird Study* 26(4):253-258. Dec. 1979. WR 182
[Culterty Field Stn., Newburgh, by Ellon, Aberdeenshire, Scotland AB4 OAA] *Falco columbarius* in Britain.

81-006422 Weibull, Jens and Peter Weibull. TRE VINTERTAXERINGAR AV ROVFAGEL I LANDSKRONATRAKTEN. [WINTER CENSUS OF RAPTORS IN WESTERN SKÅNE, SOUTH SWEDEN, DURING THREE SEASONS.] *Anser* 18(3):189-196. 1979. From Ecol. Abstr. 1980/5:80L/6881. 1980. In Swedish with English summ. WR 182
Buteo buteo, B. lagopus, Falco tinnunculus, and *Circus cyaneus.*

81-006423 Whyte, I. J. and P. F. Retief. A GATHERING OF EAGLES. *Bokmakierie* 32(4):121. Dec. 1980. WR 182
[Private Bay X401, Skukuza 150, South Africa] Several species of eagles in South Africa.

81-006424 Wikman, Marcus and Veikko Tarsa. KANAHAUKAN PESIMÄIKAISESTA RAVINNOSTA LÄNSI-UUDELLAMAALLA 1969-77. [FOOD HABITS OF THE GOSHAWK DURING THE BREEDING SEASON IN SOUTHWESTERN FINLAND 1969-77.] *Suomen Riista* 28:86-96. 1980. In Finnish with English summ. WR 182
[Game & Fisheries Res. Inst., Unioninkatu 45 B 42, SF-00170 Helsinki 17, Finland] *Accipiter gentilis.*

81-006425 Williams, G. A. THE MERLIN IN WALES: BREEDING NUMBERS, HABITAT AND SUCCESS. *Br. Birds* 74(5):205-214. May 1981. WR 182
[Royal Soc. Protection of Birds, 18 High St., Newtown, Powys SY16 1AA, Wales] *Falco columbarius.*

81-006426 Wilson, Paul W. and Everett M. Grigsby. PRAIRIE FALCON ATTACKS GREAT HORNED OWL. *Inl. Bird Banding* 52(4):61. 1980. WR 182
[Box 486, R.R. 1, Fairland, OK 74343] *Falco mexicanus* and *Bubo virginianus* in Oklahoma.

81-006427 Windels, Mary H. OBSERVATIONS ON A SNOWY OWL AT GREAT GULL ISLAND. *Kingbird* 31(2):65-67. 1981. WR 182
[1220 Park Ave., New York, NY] *Nyctea scandiaca* in New York.

81-006428 Wink, Michael; Coralie Wink and Dietrich Ristrow. BIOLOGIE DES ELEONORENFALKEN (*FALCO ELEONORAE*). 9. EITEMPERATUREN UND KÖRPERTEMPERATUR JUVENILER UND ADULTER FALKEN WÄHREND DER BRUTZEIT. [BIOLOGY OF ELEONORA'S FALCON (*FALCO ELEONORAE*). 9. EGG TEMPERATURES AND BODY TEMPERATURES OF JUVENILE AND ADULT FALCONS DURING THE BREEDING SEASON.] *Vogelwarte* 30(4):320-325. Dec. 1980. In German with English summ. WR 182
[Inst. Pharm. Biol., Pokkelstraße 4, D-3300 Braunschweig, West Germany]

81-006429 Withers, P. C. THE AERODYNAMIC PERFORMANCE OF THE WINGS IN RED-SHOULDERED HAWK *BUTEO LINEATUS* AND A POSSIBLE AEROELASTIC ROLE OF WING-TIP SLOTS. *Ibis* 123(2):239-247. Apr. 1981. WR 182

RAPTORS (CONTINUED)

81-006429 CONTINUED
[Dep. Biol., Portland State Univ., P.O. Box 751, Portland, OR 97207] Data for *Coragyps atratus* are included.

81-006430 Wood, Brad. WINTER ECOLOGY OF BALD EAGLES AT GRAND COULEE DAM, WASHINGTON. *In Proceedings of the Washington Bald Eagle Symposium, 14-15 June 1980, Seattle, Washington. R. L. Knight and others, editors.* p. 195-204. 1980. WR 182
[Wash. Dep. Game, P.O. Box 711, Morton 98356] *Haliaeetus leucocephalus.*

81-006431 Wunderlich, Klaus. ZUM NAHRUNGSSPEKTRUM FREILEBENDER RIESENSEEADLER, *HALIAEETUS PELAGICUS* (PALLAS), IM FERNEN OSTEN. [ON FOOD HABITS OF FREE-LIVING STELLER'S SEA EAGLE *HALIAEETUS PELAGICUS* IN THE FAR EAST.] *Nilu* 5(1/2):130-132. 1980. In German. WR 182
[Karolinenhofweg 6, DDR-1187 Berlin, East Germany]

PASSERINE BIRDS--GENERAL

81-006432 Clark, George A., Jr. TOE FUSION IN OSCINES. *Wilson Bull.* 93(1):67-76. Mar. 1981. WR 182
[Biol. Sci. Group, Univ. Conn., Storrs 06268] Data for 1941 spp.

81-006433 MacMillan, B. W. H. FOOD OF HOUSE SPARROWS AND GREENFINCHES IN A MIXED FARMING DISTRICT, HAWKE'S BAY, NEW ZEALAND. *N.Z. J. Zool.* 8(1):93-104. 1981. WR 182
[Ecol. Div., Dep. Sci. Industrial Res., Goodard's Lane, Havelock North, New Zealand] *Passer domesticus* and *Carduelis chloris.*

81-006434 Nishigai, Masahiko and Toshiaki Hirata. [*OENANTHE PLESCHANKA* AND *MOTACILLA ALBA OCULARIS* OBSERVED ON HEKURA I., ISHIKAWA PREF.] *Tori* 29(2/3):97-98. Oct. 1980. In Japanese with English summ. WR 182
[Kami-Saginomiya 3-14-8, Nakano-ku, Tokyo 165, Japan]

81-006435 Ripley, S. Dillon. A NEW SPECIES, AND A NEW SUBSPECIES OF BIRD FROM TIRAP DISTRICT, ARUNACHAL PRADESH, AND COMMENTS ON THE SUBSPECIES OF *STACHYRIS NIGRICEPS* BLYTH. *J. Bombay Nat. Hist. Soc.* 77(1):1-5. Apr. 1980. WR 182
[Dep. Vertebr. Zool., Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560] *Brachypteryx cryptica* and *Pomatorhinus ferruginosus namdapha* in India.

81-006436 Yunick, Robert P. VARIATION IN SKULL PNEUMATIZATION PATTERNS OF CERTAIN PASSERINES. *N. Am. Bird Bander* 4(4):145-147. Oct.-Dec. 1979. WR 182
[1527 Myron St., Schenectady, NY 12309]

BLACKBIRDS, STARLINGS AND CROWS

81-006437 Abdulali, Humayun. ON THE VALIDITY OF *DENDROCITTA FORMOSAE SARKARI* KINNEAR & WHISTLER. *J. Bombay Nat. Hist. Soc.* 77(1):142-143. Apr. 1980. WR 182
[75 Abdul Rehman St., Bombay-400 003, India]

81-006438 Arvin, Delano Z. *XANTHOCEPHALUS* (THE YELLOW-HEADED BLACKBIRD) RETURNS TO INDIANA. *Indiana Audubon Q.* 59(2):56-58. May 1981. WR 182
[6233 N. 700 E., Lafayette, IN 47905] *Xanthocephalus xanthocephalus.*

81-006439 Atwood, Jonathan L. BODY WEIGHTS OF THE SANTA CRUZ ISLAND SCRUB JAY. *N. Am. Bird Bander* 4(4):148-153. Oct.-Dec. 1979. WR 182
[Dep. Biol, Univ. Calif., Los Angeles 90024] *Aphelocoma coerulescens insularis* in California.

81-006440 Balda, Russell P. SOCIOBIOLOGY AS LEARNED FROM A DRAB, BLUE BIRD. *Auk* 98(2):415-417. Apr. 1981. WR 182
[Dep. Biol. Sci., Northern Ariz. Univ., Flagstaff 86011] *Gymnorhinus cyanocephalus.*

81-006441 Biermann, Gloria C. and Raleigh J. Robertson. AN INCREASE IN PARENTAL INVESTMENT DURING THE BREEDING SEASON. *Anim. Behav.* 29(2):487-489. May 1981. WR 182
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2] *Agelaius phoeniceus* in Canada.

81-006442 Bottoni, L. and R. Massa. SEASONAL CHANGES IN TESTOSTERONE METABOLISM IN THE PITUITARY GLAND AND CENTRAL NERVOUS SYSTEM OF THE EUROPEAN STARLING (*STURNUS VULGARIS*). *Gen. Comp. Endocrinol.* 43(4):532-536. Apr. 1981. WR 182
[Dep. Endocrinol., Univ. Milan, 21 Via Andrea del Sarto, 20129 Milan, Italy]

81-006443 Breininger, David R. HABITAT PREFERENCES OF THE FLORIDA SCRUB JAY. *Fla. Sci.* 44(suppl. 1):37. 1981. Abstract only. WR 182
[Dep. Biol. Sci., Fla. Inst. Technol., Melbourne 32901] *Aphelocoma c. coerulescens.*

81-006444 Brenowitz, Eliot A. THE EFFECT OF STIMULUS PRESENTATION SEQUENCE ON THE RESPONSE OF RED-WINGED BLACKBIRDS IN PLAYBACK STUDIES. *Auk* 98(2):355-360. Apr. 1981. WR 182
[Langmuir Lab., Cornell Univ., Ithaca, NY 14850] *Agelaius phoeniceus.*

81-006445 Brenowitz, Eliot A. 'TERRITORIAL SONG' AS A FLOCKING SIGNAL IN RED-WINGED BLACKBIRDS. *Anim. Behav.* 29(2):641-642. May 1981. WR 182
[Sect. Neurobiol. & Behav., Langmuir Lab., Cornell Univ., Ithaca, NY 14850] *Agelaius phoeniceus.*

81-006446 Brewer, A. THE GALL BLADDER EPITHELIUM OF THE STARLING, *STURNUS VULGARIS*. *J. Anat.* 132(3):446. May 1981. Abstract only. WR 182
[Dep. Anat., St. Thomas's Hospital Med. School, London, England]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-006447 Butcher, Gregory S. NORTHERN ORIOLES DISAPPEAR WITH MT. ST. HELENS ASHFALL. *Murrelet* 62(1):15-16. 1981. WR 182
[Dep. Zool. NJ-15, Univ. Wash., Seattle 98195] *Icterus galbula bullockii* in Washington.

81-006448 Deckert, Gisela. SIEDLUNGSDICHTE UND NAHRUNGSSUCHE BEI ELSTER, *PICA P. PICA* (L.), UND NEBELKRÄHE, *CORVUS CORONE CORNIX* (L.). [POPULATION DENSITY AND FOOD HABITS OF THE MAGPIE *PICA P. PICA* AND THE HOODED CROW *CORVUS CORONE CORNIX*.] *Beitr. Vogelkd.* 26(6):305-334. 1980. In German with English summ. WR 182
[Seestraße 121-123, DDR-1631 Kallinchen, East Germany]

81-006449 Dexter, Ralph W. ANOTHER ROUND-TRIP JOURNEY OF A BANDED BIRD. *N. Am. Bird Bander* 4(4):153. Oct.-Dec. 1979. WR 182
[Dep. Biol., Kent State Univ., Kent, OH 44242] *Molothrus ater.*

81-006450 Dittrich, Werner. SIEDLUNGSDICHTE UND HABITATWAHL DER ELSTER (*PICA PICA*) IN NORDBAYERN. [ABUNDANCE AND HABITAT SELECTION OF THE MAGPIE (*PICA PICA*) IN NORTHERN BAVARIA.] *J. Ornithol.* 122(2):181-185. Apr. 1981. In German with English summ. WR 182
[Eichendorffstraße 15, D-8484 Grafenwöhr, West Germany]

81-006451 Erdmann, Günter. ZUR ENTWICKLUNG DES BRUTBESTANDES DER SAATKRÄHE (*CORVUS FRUGILEGUS* L.) IM BEZIRK LEIPZIG. [ON THE DEVELOPMENT OF BREEDING POPULATIONS OF THE ROOK *CORVUS FRUGILEGUS* IN THE LEIPZIG DISTRICT.] *Beitr. Vogelkd.* 27(1):35-45. 1981. In German. WR 182
[Fichstraße 52, DDR-7030 Leipzig, East Germany]

81-006452 Faanes, Craig A. and Wayne Norling. NESTING OF THE GREAT-TAILED GRACKLE IN NEBRASKA. *Am. Birds* 35(2):148-149. Mar. 1981. WR 182
[Northern Prairie Wildl. Res. Cent., Jamestown, ND 58401] *Quiscalus mexicanus.*

81-006453 Fjeldså, Jon. FLERE BRUNE SKJÆRER. [ADDITIONAL BROWN MAGPIES.] *Fauna (Oslo)* 33(4):159-160. 1980. In Norwegian with English summ. WR 182
[Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark] Three additional records of brown *Pica pica* from Norway are given.--Courtesy/Jon Swenson.

81-006454 Floyd, R. B. and D. J. Woodland. LOCALIZATION OF SOIL DWELLING SCARAB LARVAE BY THE BLACK-BACKED MAGPIE, *GYMNORHINA TIBICEN* (LATHAM). *Anim. Behav.* 29(2):510-517. May 1981. WR 182
[School Australian Environ. Studies, Griffith Univ., Nathan, Queensland 4111, Australia]

81-006455 Foy, Dorothy. YELLOW-HEADED BLACKBIRD BANDINGS IN NEW JERSEY. *N. Am. Bird Bander* 6(1):16-17. Jan.-Mar. 1981. WR 182
[Box 164, Ship Bottom, NJ 08008] *Xanthocephalus xanthocephalus.*

81-006456 Granath, Willard O., Jr. *EUFILARIA HIBLERI* SP. N. (NEMATODA: FILARIOIDEA) FROM THE COMMON GRACKLE, (*QUISCALUS QUISCULA VERSICOLOR*). *Proc. Helminthol. Soc. Wash.* 48(1):17-23. Jan. 1981. WR 182
[Dep. Biol., Wake Forest Univ., Winston-Salem, NC 27109]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-006457 Gwinner, E.; J. Dittami and G. Gänshirt. GIBT ES IM CIRCANNUALEN HODENZYKLUS DES STARS (*STURNUS VULGARIS*) EINE REFRAKTÄRPHASE? [IS THERE A CIRCANNUAL CYCLE IN TESTIS SIZE OF THE STARLING *STURNUS VULGARIS*? *Vogelwarte* 30(4):335-337. Dec. 1980. In German with English summ. WR 182
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, D-7760 Radolfzell-Möggingen, West Germany]

81-006458 Hausberger, Martine and Jean-Charles Guyomarc'h. CONTRIBUTION À L'ÉTUDE DES VOCALISATIONS TERRITORIALES SIFFLÉES CHEZ L'ÉTOURNEAU SANSONNET *STURNUS VULGARIS* EN BRETAGNE. [CONTRIBUTION TO THE STUDY OF TERRITORIAL WHISTLED VOCALIZATIONS OF THE STARLING *STURNUS VULGARIS* IN BRITTANY.] *Biol. Behav.* 6(1):79-98. 1981. In French with English summ. WR 182
[Lab. Ethol., Univ. Rennes I., Campus Beaulieu, F-35042 Rennes, France]

81-006459 Heggberget, Thrine Moen and Svein Myrberget. MINKER STÆRBESTANDEN? [IS THE STARLING POPULATION DECLINING?] *Fauna (Oslo)* 33(4):153-154. 1980. In Norwegian with English summ. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] The population of *Sturnus vulgaris* seems to be declining in Norway.--Courtesy/Jon Swenson.

81-006460 Hubálek, Zdeněk. WINTER ROOSTS AND POPULATIONS OF THE ROOK, *CORVUS FRUGILEGUS* L., IN MORAVIA (CZECHOSLOVAKIA), 1972/73. *Acta Ornithol. (Warsaw)* 16(21):535-553. 25 Nov. 1980. In English with Polish and Russian summ. WR 182
[Nám. Míru 1, 602-00 Brno, Czechoslovakia]

81-006461 Kamis, Alias Bin. THYROID HORMONES METABOLISM IN CROWS. *Malays. Appl. Biol.* 9(2):95-98. 1980. WR 182
[Unit Zool., Univ. Kebangsaan, Malaysia Jalan Pantai Baru, Kuala Lumpur 22-12, Malaysia] *Corvus splendens*.

81-006462 Krushinsky, L. V.; B. A. Dashevsky; Z. A. Zorina; L. K. Buduk-Ool and B. B. Zhukov. [DIFFERENTIATION OF FIGURES ON THE BASIS OF VOLUME-FLATNESS IN RAVEN BIRDS.] *Biol. Nauki (Mosc.)* 1981(3):55-59. Mar. 1981. In Russian. WR 182

81-006463 Lawton, Marcy F. and Carlos F. Guindon. FLOCK COMPOSITION, BREEDING SUCCESS, AND LEARNING IN THE BROWN JAY. *Condor* 83(1):27-33. Feb. 1981. WR 182
[c/o R. O. Lawton, Dep. Biol., Univ. Ala., P.O. Box 1247, Huntsville 35807] *Psilorhinus morio* in Costa Rica.

81-006464 Lyon, Linda A. and Donald F. Caccamise. HABITAT SELECTION BY ROOSTING BLACKBIRDS AND STARLINGS: MANAGEMENT IMPLICATIONS. *J. Wildl. Manage.* 45(2):435-443. Apr. 1981. WR 182
[Program Ecol., Rutgers Univ., New Brunswick, NJ 08901] *Sturnus vulgaris* and several other blackbirds.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-006465 Mason, Paul. ECOLOGICAL AND EVOLUTIONARY ASPECTS OF HOST SELECTION IN COWBIRDS. *Ph.D. dissertation, Univ. Tex. (Austin)* 184p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3998. May 1981. WR 182
Molothrus bonariensis and *M. rufoaxillaris*.

81-006466 McCulloch, Ellen M. LITTLE RAVEN *CORVUS MELLORI* EATING FRUIT OF PRICKLY PEAR *OPUNTIA* SP. *Aust. Bird Watcher* 8(8):248. Dec. 1980. WR 182
[6 Bullen Ave., Mitcham, Victoria 3132, Australia]

81-006467 Meyer, Heinz. SICHTNACHWEIS EINES KOLKRABEN (*CORVUS CORAX*) IN DER DRESDNER HEIDE. [SIGHTING OF A *CORVUS CORAX* IN THE DRESDEN MOORS.] *Beitr. Vogelkd.* 26(1):63. 1980. WR 182
[Forststraße 2, DDR-8060 Dresden, East Germany]

81-006468 Milstein, P. Le S. and K. B. Newman. FIELD DIFFERENTIATION IN THE BLUE-EARED GLOSSY STARLINGS. *Bokmakierie* 33(1):11-12. Mar. 1981. WR 182
[60 King St., Irene 1675, South Africa] *Lamprotornis chalybaeus* and *L. chloropterus*.

81-006469 Moulton, Daniel W. REPRODUCTIVE RATE AND RENESTING OF RED-WINGED BLACKBIRDS IN MINNESOTA. *Wilson Bull.* 93(1):119-121. Mar. 1981. WR 182
[70 Edgewood Dr., Central Valley, NY 10917] *Agelaius phoeniceus*.

81-006470 Nordin, M. and Yusof Ahmad. REPRODUCTIVE BIOLOGY OF THE HOUSE CROW (*CORVUS SPLENDENS*). *Malays. Appl. Biol.* 9(2):89-93. 1980. WR 182
[Unit Zool., Fak. Sains, Univ. Kebangsaan, Malaysia Jalan Pantai Baru, Kuala Lumpur 22-12, Malaysia]

81-006471 Power, Harry W.; Elizabeth Litovich and Michael P. Lombardo. MALE STARLINGS DELAY INCUBATION TO AVOID BEING CUCKOLDED. *Auk* 98(2):386-388. Apr. 1981. WR 182
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903] *Sturnus vulgaris*.

81-006472 Purchas, T. P. G. PREDATION ON STARLINGS (*STURNUS VULGARIS*) IN NEST BOXES IN HAWKE'S BAY. *Notornis* 28(1):39-40. Mar. 1981. WR 182
[Ecol. Div., DSIR, Goddards Lane, Havelock North, New Zealand]

81-006473 Ringleben, Herbert. PARTIELLER ALBINISMUS BEIM KOLKRABEN (*CORVUS CORAX*). [PARTIAL ALBINISM IN THE RAVEN *CORVUS CORAX*.] *Beitr. Vogelkd.* 26(6):363-364. 1980. In German. WR 182
[Hagenauer Straße 1A, D-2800 Bremen 1, West Germany]

81-006474 Røskaft, Eivin. KORNKRÅKAS *CORVUS FRUGILEGUS* TILKNYTNING TIL REIRET ETTER AT HEKKING HAR MISLYKTES. [BONDING TO THE NEST SITE AFTER UNSUCCESSFUL BREEDING IN THE ROOK.] *Vår Fuglefauna* 3(1):5-10. 1980. In Norwegian with English summ. WR 182
[Zool. Inst., Univ. Trondheim, N-7000 Trondheim, Norway] Courtest/Jon Swenson.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-006475 Røskaft, Eivin. REACTIONS OF ROOKS *CORVUS FRUGILEGUS* DURING THE BREEDING SEASON TO INTRUSIONS BY OTHER BIRDS AND MAMMALS. *Fauna Norv. Ser. C Cinclus* 3(2):56-59. 1980. In English with Norwegian summ. WR 182
[Dep. Zool., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway] Courtesy/Jon Swenson.

81-006476 Røskaft, Eivin. VOCAL COMMUNICATION OF THE ROOK *CORVUS FRUGILEGUS* IN THE BREEDING SEASON. *Mem. Soc. Fauna Flora Fenn.* 57(1):15. 1981. Abstract only. WR 182
[Inst. Zool., Univ. Trondheim, Bjørnsons gt. 12, N-7000 Trondheim, Norway]

81-006477 Stiehl, Richard B. OBSERVATIONS OF A LARGE ROOST OF COMMON RAVENS. *Condor* 83(1):78. Feb. 1981. WR 182
[Coll. Environ. Sci., Univ. Wis., Green Bay 54302] *Corvus corax* in Oregon.

81-006478 Strohn, Brian C.; Harvey D. Blankespoor and Peter G. Meier. NATURAL INFECTIONS OF THE DERMATITIS-PRODUCING SCHISTOSOME *GIGANTOBILHARZIA HURONENSIS* NAJIM, 1950 IN PASSERINES IN SOUTHEASTERN MICHIGAN. *Proc. Helminthol. Soc. Wash.* 48(1):80-84. Jan. 1981. WR 182
[Duke Univ. Med. Cent., Office Environ. Safety, Durham, NC 27710] *Quiscalus quiscula* and *Agelaius phoeniceus*.

81-006479 Stutterheim, C. J. and Irene M. Stutterheim. A POSSIBLE DECLINE OF A REDBILLED OXPECKER POPULATION IN THE PILANSBERG COMPLEX, BOPHUTHATSWANA. *Ostrich* 52(1):56-57. Mar. 1981. WR 182
[Dep. Zool., Rand Afrikaans Univ., P.O. Box 524, Johannesburg, South Africa 2000] *Buphagus erythrorhynchus*.

81-006480 Thingstad, Per Gustav. OBSERVASJON AV EN "SKÆRE-HENRETTELSE". [MAGPIE "EXECUTION".] *Vår Fuglefauna* 1(3/4):164-165. 1978. In Norwegian with English summ. WR 182
[Bernhard Getz gt. 6, N-7000 Trondheim, Norway] Observation of a *Pica pica* killing another in Norway.--Courtesy/Jon Swenson.

81-006481 Turner, R. S. THE ULTRASTRUCTURE OF THE KUPFFER CELL IN THE LIVER OF THE STARLING, *STURNUS VULGARIS*. *J. Anat.* 132(3):445-446. May 1981. Abstract only. WR 182
[Dep. Anat., St. Thomas's Hospital Med. School, London, England]

81-006482 Twedt, Daniel J. ALBINISTIC STARLING IN KENTUCKY. *Ky. Warbler* 57(1):27-28. Feb. 1981. WR 182
[U.S. Fish & Wildl. Serv., 334 15th St., Bowling Green, KY 42101] *Sturnus vulgaris*.

81-006483 Vader, Wim; Kjell M. Hansen and Arne C. Nilssen. BRUNE SKJÆRER I NORD-NORGE. [SCHIZOCHROIC NON-EUMELANIC MAGPIES IN NORTHERN NORWAY.] *Fauna (Oslo)* 32(4):152-155. 1979. In Norwegian with English summ. WR 182
[Zool. Avdeling, Tromsø Mus., N-9000 Tromsø, Norway] *Pica pica*.--Courtesy/Jon Swenson.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

81-006484 Verbeek, Nicolaas A. M. and Robert W. Butler. COOPERATIVE BREEDING OF THE NORTHWESTERN CROW *CORVUS CAURINUS* IN BRITISH COLUMBIA. *Ibis* 123(2):183-188. Apr. 1981. WR 182
[Dep. Biol. Sci., Simon Fraser Univ., Burnaby, British Columbia, Canada V5A 1S6]

81-006485 Vines, Gail. A SOCIO-ECOLOGY OF MAGPIES *PICA PICA*. *Ibis* 123(2):190-202. Apr. 1981. WR 182
[Dep. Psychol., Univ. Bristol, 8-10 Berkeley Square, Bristol BS8 1HH, England]

81-006486 West, Meredith J.; Andrew P. King and David H. Eastzer. VALIDATING THE FEMALE BIOASSAY OF COWBIRD SONG: RELATING DIFFERENCES IN SONG POTENCY TO MATING SUCCESS. *Anim. Behav.* 29(2):490-501. May 1981. WR 182
[Dep. Psychol., Duke Univ., Durham, NC 27706] *Molothrus ater*.

81-006487 Williams, D. W. CENTROACINAR CELLS WITHIN THE PANCREAS OF THE WILD STARLING, *STURNUS VULGARIS*: OBSERVATIONS ON THEIR ULTRASTRUCTURE AND RELATIONSHIP WITH ENDOCRINE CELLS. *J. Anat.* 132(3):447. May 1981. Abstract only. WR 182
[Dep. Anat., St. Thomas's Hospital Med. School, London, England]

OTHER PASSERINE BIRDS

81-006488 Anderson, Brian D. PARTIAL ALBINISM IN JEFFERSON COUNTY HOUSE SPARROWS. *Ky. Warbler* 57(1):26-27. Feb. 1981. WR 182
[Biol. Dep., Univ. Louisville, Louisville, KY 40208] *Passer domesticus* in Kentucky.

81-006489 Andersson, Jan. "RINGLAUST" RINTRASTPAR PÅ VÆRØY I LOFOTEN. [RING OUZELS WITHOUT BREAST BANDS.] *Vår Fuglefauna* 2(2):120-121. 1979. In Norwegian with English summ. WR 182
[Nillasväg 30c, S-523 00 Ulricehamn, Sweden] A pair of *Turdus torquatus* was observed in Norway without the characteristic white breast band.--Courtesy/Jon Swenson.

81-006490 Babenko, V. G. [ON SPACE AND REPRODUCTIVE RELATIONS OF TWO FORMS OF YELLOW WAG-TAILS.] *Biol. Nauki (Mosc.)* 1981(3):42-45. Mar. 1981. In Russian. WR 182
Motacilla flava.

81-006491 Baker, Myron Charles. EFFECTIVE POPULATION SIZE IN A SONGBIRD: SOME POSSIBLE IMPLICATIONS. *Heredity* 46(2):209-218. Apr. 1981. WR 182
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Zonotrichia leucophrys nuttalli*.

81-006492 Bannasch, Frank. NACHWEIS DES ZWERGSCHNÄPPERS (*FICEDULA PARVA*) IM KREIS STAßFURT (BEZIRK MAGDEBURG). [REPORT OF THE RED-THROATED FLYCATCHER *FICEDULA PARVA* IN KREIS STAßFURT (MAGDEBURG REGION).] *Beitr. Vogelkd.* 27(1):51-52. 1981. In German. WR 182
[Schulstraße 3, DDR-3251 Rathmannsdorf, East Germany]

OTHER PASSERINE BIRDS (CONTINUED)

81-006493 Baptista, Luis F. and Martin L. Morton. INTERSPECIFIC SONG ACQUISITION BY A WHITE-CROWNED SPARROW. *Auk* 98(2):383-385. Apr. 1981. WR 182
[Ornithol. & Mammal., Calif. Acad. Sci., Golden Gate Park, San Francisco 94118] *Zonotrichia leucophrys.*

81-006494 Barnard, C. J. and R. M. Sibly. PRODUCERS AND SCROUNGERS: A GENERAL MODEL AND ITS APPLICATION TO CAPTIVE FLOCKS OF HOUSE SPARROWS. *Anim. Behav.* 29(2):543-550. May 1981. WR 182
[Dep. Zool., Univ. Nottingham, University Park, Nottingham NG7 2RD, England] *Passer domesticus.*

81-006495 Bassin, Philippe. RÉPARTITION ET BIOTOPES DE LA PIE-GRIÈCHE GRISE, *LANIUS EXCUBITOR*, DANS LE NORD-OUEST DE LA SUISSE (AJOIE, CANTON DU JURA). [DISTRIBUTION AND BIOTOPES OF GREAT GREY SHRIKE *LANIUS EXCUBITOR* IN NORTHWEST SWITZERLAND (AJOIE, JURA CANTON).] *Nos Oiseaux* 36(1):1-20. Mar. 1981. In French with German summ. WR 182
[Grand-Rue 18, CH-2900 Porrentruy, Switzerland]

81-006496 Bedggood, George W. GREY-CROWNED BABBLERS IN EAST GIPPSLAND, VICTORIA. *Aust. Bird Watcher* 8(8):253. Dec. 1980. WR 182
[R. S. D., Lindenow South, Victoria 3866, Australia] *Pomatostomus temporalis.*

81-006497 Beier, John C.; John Strandberg; Michael K. Stoskopf and Carolyn Craft. MORTALITY IN ROBINS (*TURDUS MIGRATORIUS*) DUE TO AVIAN MALARIA. *J. Wildl. Dis.* 17(2):247-250. Apr. 1981. WR 182
[Vector Biol. Lab., Dep. Biol., Univ. Notre Dame, Notre Dame, IN 46556]

81-006498 Bent, Gijs van der. PARTIALLY ALBINISTIC WHEATEARS NEAR KATWIJK AAN ZEE IN AUGUST 1980. *Dutch Birding* 3(1):22. Mar. 1981. In English. WR 182
[E. A. Borgerstraat 71, 2225 AP Katwijk aan Zee, Netherlands] *Oenanthe oenanthe* in the Netherlands.

81-006499 Berg, Arnoud B. van den; Cecilia A. W. Bosman and Frank G. Rozendaal. RECORD OF STOLICZKAS'S WHINCHAT IN RAJASTHAN, INDIA IN AUGUST 1978. *Dutch Birding* 3(1):20-21. Mar. 1981. In English. WR 182
[Duinlustparkweg 98, 2082 EG Santpoort-Zuid, Netherlands] *Saxicola macrorhyncha.*

81-006500 Berthold, Peter and Ulrich Querner. GENETIC BASIS OF MIGRATORY BEHAVIOR IN EUROPEAN WARBLERS. *Science* 212(4490):77-79. 3 Apr. 1981. WR 182
[Vogelwarte Radolfzell, Max-Planck-Inst. Verhaltensphysiol., D-7760 Radolfzell-Möggingen, West Germany] *Sylvia atricapilla.*

81-006501 Bielefeldt, John. ATTEMPTED NESTING BY THE SOLITARY VIREO WAUKESHA COUNTY, WISCONSIN. *Passenger Pigeon* 43(1):1-3. 1981. WR 182
[5357 Hwy. ZC, Dousman, WI 53118] *Vireo solitarius.*

OTHER PASSERINE BIRDS (CONTINUED)

81-006502 Bjerke, Tore K. CONTINUITY AND CHANGE IN DIALECT STRUCTURE OF REDWING *TURDUS ILIACUS*. *Fauna Norv. Ser. C Cinclus* 3(2):73-79. 1980. In English with Norwegian summ. WR 182
[Inst. Psychol., Univ. Trondheim, N-7000 Trondheim, Norway] The dialects of *Turdus iliacus* were studied in Norway where three dialects meet. The dialect boundaries seem to be stable.--Courtesy/Jon Swenson.

81-006503 Blankert, J. J. (Han). VOORKOMEN VAN ORPHEUSSPOTVOGEL IN BENELUX. [OCCURRENCE OF MELODIOUS WARBLER IN BENELUX.] *Dutch Birding* 3(1):25-26. Mar. 1981. In Dutch with English summ. WR 182
[Leendert Meeszstraat 8, 2015 JS Haarlem, Netherlands] *Hippolais polyglotta* in the Netherlands, Belgium, and Luxemburg.

81-006504 Blankert, J. J. (Han). OCCURRENCE OF PARROT CROSSBILL IN NETHERLANDS. *Dutch Birding* 2(4):151. Jan. 1981. In English. WR 182
[Leendert Meeszstraat 8, 2015 JS Haarlem, Netherlands] *Loxia pytyopsittacus*.

81-006505 Boone, D. Daniel. NASHVILLE WARBLER NEST IN GARRETT COUNTY. *Md. Birdlife* 37(1):2, 4. Mar. 1981. WR 182
[4011 Woodhaven Lane, Bowie, MD 20715] *Vermivora ruficapilla*.

81-006506 Browning, Nancy G.; Arthur D. Dayton and Robert J. Robel. COMPARATIVE PREFERENCES OF FIELD SPARROWS AND CARDINALS AMONG FOUR PROPAGATED SEEDS. *J. Wildl. Manage.* 45(2):528-533. Apr. 1981. WR 182
[Oreg. Inst. Mar. Biol., Univ. Oreg., Charleston 97420] *Cardinalis cardinalis* and *Spizella pusilla*.

81-006507 Bruggers, Richard L.; Ali A. Murshid and John Miskell. ACCIDENTAL DEATH OF REDBILLED QUELEAS ROOSTING IN LEMON TREES IN SOMALIA. *Ostrich* 52(1):60-62. Mar. 1981. WR 182
[USFWS/DWRC, Bldg. 16, Fed. Cent., Denver, CO 80225] *Quelea quelea*.

81-006508 Burger, Joanna and Michael Gochfeld. DIRECTION OF NEST PLACEMENT IN TWO SPECIES OF WEAVER. *Ostrich* 52(1):54-56. Mar. 1981. WR 182
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903] *Philetairus socius* and *Plocepasser mahali* in South West Africa.

81-006509 Byfield, Lyle L. BROWN-CAPPED ROSY FINCH AND HOUSE FINCH IN GRANT COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 12(4):34-35. Dec. 1979. WR 182
[P.O. Box 24, Wakita, OK 73771] *Leucosticte australis* and *Carpodacus mexicanus*.

81-006510 Byrkjedal, Ingvar. MUNKENS OG JERNSPURVENS OPPTREDEN PÅ JÆREN VINTERSTID. [THE OCCURRENCE OF BLACKCAP *SYLVIA ATRICAPILLA* AND DUNNOCK *PRUNELLA MODULARIS* ON JÆREN, SOUTHWESTERN NORWAY, IN WINTER.] *Fauna (Oslo)* 33(2):77-78. 1980. In Norwegian with English summ. WR 182
[Zool. Mus. Univ. Bergen, Muséplass 3, N-5014 Bergen/U., Norway] Courtesy/Jon Swenson.

OTHER PASSERINE BIRDS (CONTINUED)

81-006511 Cannings, Richard J. NOTES ON THE NESTING OF HORNED LARKS ON THE CHILCOTIN PLATEAU OF BRITISH COLUMBIA. *Murrelet* 62(1):21-23. 1981. WR 182
[#6-2016 West 1st Ave., Vancouver, British Columbia V6J 1G8, Canada] *Eremophila alpestris*.

81-006512 Carpenter, Thomas W. AN OBSERVATION OF AN AHY GRAY CATBIRD WITH A GRAY IRIS. *N. Am. Bird Bander* 4(4):157. Oct.-Dec. 1979. WR 182
[3646 S. John Hix Rd., Wayne, MI 48184] *Dumetella carolinensis*.

81-006513 Chew, Lincoln. GEOGRAPHIC AND INDIVIDUAL VARIATION IN THE MORPHOLOGY AND SEQUENTIAL ORGANIZATION OF THE SONG OF THE SAVANNAH SPARROW (*PASSERCULUS SANDWICHENSIS*). *Can. J. Zool.* 59(4):702-713. Apr. 1981. In English with French summ. WR 182
[Dep. Psychol., Dalhousie Univ., Halifax, Nova Scotia, Canada B3H 4J1]

81-006514 Christman, R. J. CAPTURE OF WHITE-EYED VIREO IN DAKOTA COUNTY. *Loon* 53(1):59. 1981. WR 182
[Macalester Coll. Biol. Stn., Inver Grove, MN 55075] *Vireo griseus* in Minnesota.

81-006515 Colahan, B. D. and A. Craig. *EUPLECTES* HYBRIDS. *Ostrich* 52(1):58-59. Mar. 1981. WR 182
[P.O. Box 2208, Salisbury, Zimbabwe]

81-006516 Contreras, Julio Rafael. AVIFAUNA MENDOCINA. II. REVALIDACION DE *EMBERNAGRA PLATENSIS GOSSEI* CHUBB, 1918, Y NUEVOS DATOS SOBRE LAS SUBESPECIES DE *EMBERNAGRA PLATENSIS* (PASSERIFORMES: EMBERIZIDAE). [AVIFAUNA OF MENDOZA. II. REVALIDATION OF *EMBERNAGRA PLATENSIS GOSSEI* CHUBB, 1918, AND NEW DATA ON THE SUBSPECIES OF *EMBERNAGRA PLATENSIS* (PASSERIFORMES: EMBERIZIDAE).] *Bol. Mus. Cienc. Nat. Antropol. "Juan C. Moyano"* 1:23-34. 1980. In Spanish with English summ. WR 182
[Hist. Nat., Casilla de Correo 26, 3400 Corrientes, Argentina]

81-006517 Cooper, Christine and Richard Cooper. OBSERVATIONS ON THE FOOD SOURCES UTILISED BY PIED CURRAWONGS. *Aust. Birds* 15(3):50-52. Mar. 1981. WR 182
[2 Rofe Crescent, Hornsby Heights, New South Wales 2122, Australia] *Strepera graculina*.

81-006518 Craig, A. J. F. K. and A. J. Manson. SEXING *EUPLECTES* SPECIES BY WING-LENGTH. *Ostrich* 52(1):9-16. Mar. 1981. WR 182
[Dep. Zool. Entomol., Rhodes Univ., Grahamstown, South Africa 6140]

81-006519 Craig, John L.; Anne M. Stewart and Murray E. Douglas. THE FORAGING OF NEW ZEALAND HONEYEATERS. *N.Z. J. Zool.* 8(1):87-82. 1981. WR 182
[Dep. Zool., Univ. Auckland, Private Bag, Auckland, New Zealand] *Prosthemadera novaeseelandiae*, *Anthornis melanura* and *Notiomystis cincta*.

81-006520 Craig, R. B.; D. L. DeAngelis and K. R. Dixon. LONG- AND SHORT-TERM DYNAMIC OPTIMIZATION MODELS WITH APPLICATION TO THE FEEDING STRATEGY OF THE LOGGERHEAD SHRIKE. *Am. Nat.* 113(1):31-51. Jan. 1979.

OTHER PASSERINE BIRDS (CONTINUED)

81-006520 CONTINUED WR 182
[Environ. Sci. Div., Oak Ridge Natl. Lab., Oak Ridge, TN 37830] *Lanius ludovicianus gambeli*.

81-006521 da Prato, Susan. THE EFFECT OF SPATES ON THE FEEDING BEHAVIOUR OF DIPPERS. *Bird Study* 28(1):60-62. Mar. 1981. WR 182
[Forth River Purification Board, West Mill Rd., Edinburgh EH130 PH, Scotland] *Cinclus cinclus* in Scotland.

81-006522 Dabelsteen, Torben. PARAMETERS ESSENTIAL TO SPECIES RECOGNITION IN THE SONG OF THE BLACKBIRD, *TURDUS MERULA*. *Nem. Soc. Fauna Flora Fenn.* 57(1):2. 1981. Abstract only. WR 182
[Zool. Lab., Universitetsparken 15, 2100 Copenhagen Ø, Denmark]

81-006523 Dahlsten, Donald L. THE USE OF NESTING BOXES TO STUDY THE BIOLOGY OF THE MOUNTAIN CHICKADEE (*PARUS GAMBELI*) AND ITS IMPACT ON SELECTED FOREST INSECTS. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 217-260. 1979. From Ecol. Abstr. 1980/5:80L/6834. 1980. WR 182

81-006524 Davies, N. B. CALLING AS AN OWNERSHIP CONVENTION ON PIED WAGTAIL TERRITORIES. *Anim. Behav.* 29(2):529-534. May 1981. WR 182
[Dep. Zool., Downing St., Cambridge CB2 3EJ, England] *Motacilla alba* in England.

81-006525 Dawson, William R.; Cynthia Carey; Curtis S. Adkisson and Robert D. Ohmart. RESPONSES OF BREWER'S AND CHIPPING SPARROWS TO WATER RESTRICTION. *Physiol. Zool.* 52(4):529-541. Oct. 1979. WR 182
[Dep. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Spizella breweri* and *S. passerina*.

81-006526 Delap, Ella. THIRD WINTER RECORD OF DICKCISSEL IN WASHINGTON COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 12(4):34. Dec. 1979. WR 182
[409 N. Wyandotte, Dewey, OK 74029] *Spiza americana*.

81-006527 Desmet, Jean-François. CAS DE GRÉGARISME HIVERNAL EXCEPTIONNEL CHEZ LE TICHODROME, *TICHODROMA MURARIA*, EN HAUTE-SAVOIE. [AN EXCEPTIONAL CASE OF WINTER FLOCKING IN THE WALL CREEPER *TICHODROMA MURARIA* IN HAUTE SAVOIE [FRANCE].] *Nos Oiseaux* 36(1):36. Mar. 1981. In French. WR 182
[F-74340 Samoëns, France]

81-006528 Deunert, Jürgen. DER BLUTHÄNFLING (*CARDUELIS CANNABINA*) ALS HALBHÖHLENBRÜTER. [NESTING IN THE LINNET *CARDUELIS CANNABINA*.] *Beitr. Vogelkd.* 27(2):125-126. 1981. In German. WR 182
[Johannes-Kepler-Straße 13, DDR-8600 Bautzen, East Germany]

81-006529 Dhondt, André A. and Roman Eyckerman. COMPETITION BETWEEN THE GREAT TIT AND THE BLUE TIT OUTSIDE THE BREEDING SEASON IN FIELD EXPERIMENTS. *Ecology* 61(6):1291-1296. Dec. 1980. WR 182
[Dep. Biol., Univ. Instelling Antwerp, Universiteitsplein 1, B-2610 Wilrijk, Antwerp, Belgium] *Parus major* and *P. caeruleus* in Belgium.

OTHER PASSERINE BIRDS (CONTINUED)

81-006530 Dittberner, Hartmut and Winfried Dittberner. VERÄNDERUNG IN DER BRUTPLATZWAHL DER UFERSCHWALBE (*RIPARIA RIPARIA*). [VARIATION IN NESTING SITE SELECTION IN THE SAND MARTIN *RIPARIA RIPARIA*.] *Beitr. Vogelkd.* 26(6):360-361. 1980. In German. WR 182
[Karl-Frank-Straße 24, DDR-1162 Berlin, East Germany]

81-006531 East, Marion. ALARM CALLING AND PARENTAL INVESTMENT IN THE ROBIN *ERITHACUS RUBECULA*. *Ibis* 123(2):223-230. Apr. 1981. WR 182
[School Biol. Sci., Univ. Sussex, Falmer, Brighton, Sussex BN1 9QG, England]

81-006532 Eckert, Kim. SECOND MINNESOTA RECORD OF A BLACK-THROATED SPARROW. *Loon* 53(1):52. 1981. WR 182
[9735 North Shore Dr., Duluth, MN 55804] *Amphispiza bilineata*.

81-006533 Eckert, Kim. TOWNSEND'S SOLITAIRES AT HAWK RIDGE. *Loon* 53(1):55-56. 1981. WR 182
[9735 North Shore Dr., Duluth, MN 55804] *Myadestes townsendi* in Minnesota.

81-006534 Emlen, John T. and Michael J. DeJong. INTRINSIC FACTORS IN THE SELECTION OF FORAGING SUBSTRATES BY PINE WARBLERS: A TEST OF AN HYPOTHESIS. *Auk* 98(2):294-298. Apr. 1981. WR 182
[Dep. Zool., Univ. Wis., Madison 53706] *Dendroica pinus* in the Bahamas.

81-006535 Ericsson, Stefan. LOGGERHEAD SHRIKE IN GUATEMALA IN DECEMBER 1979. *Dutch Birding* 3(1):27-28. Mar. 1981. In English. WR 182
[Inst. Ekol. Bot., Universitetet, 901 87 Umeå, Sweden] *Lanius ludovicianus*.

81-006536 Espmark, Yngve. DIALEKTER I RØDVINGETRASTENS *TURDUS ILIACUS* SÅNG. [SONG DIALECTS IN REDWINGS *TURDUS ILIACUS*.] *Vår Fågelvärld* 40(2):81-90. 1981. In Swedish with English summ. WR 182
[Zool. Inst., Univ. Trondheim, N-7000 Trondheim, Norway]

81-006537 Folkestad, Alv Ottar. MERKELEG UTSLAG AV REIRBYGGINGSINSTINKT HOS SVARTMEIS *PARUS ATER*. [COAL TIT SEARCHING NESTING MATERIAL ON THE HEAD OF A MAN.] *Vår Fuglefauna* 1(3/4):171-172. 1978. In Norwegian with English summ. WR 182
[N-6100 Volda, Norway] Courtesy/Jon Swenson.

81-006538 Fonstad, Tore. VANNSANGER *ACROCEPHALUS PALUDICOLA*, OBSERVERT I NORGE. [AQUATIC WARBLER *ACROCEPHALUS PALUDICOLA*, OBSERVED IN NORWAY.] *Vår Fuglefauna* 3(2):106-112. 1980. In Norwegian with English summ. WR 182
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway] The second record of the species in Norway.--Courtesy/Jon Swenson.

81-006539 Fonstad, Tore. INTERSPECIFIC COMPETITION BETWEEN WILLOW WARBLER--*PHYLLOSCOPUS TROCHILUS*--AND BRAMBLING--*FRINGILLA MONTIFRINGILLA*. *Mem. Soc. Fauna Flora Fenn.* 57(1):4-5. 1981. Abstract only.

OTHER PASSERINE BIRDS (CONTINUED)

81-006539 CONTINUED WR 182
[Dep. Zool., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

81-006540 Frelin, Christian. DYNAMICS OF COAL TIT (*PARUS ATER*) MOVEMENTS IN THE ALPS--AN EXAMPLE OF PITFALL IN USING CAPTURE RECAPTURE DATA. *Vogelwarte* 30(4):297-301. Dec. 1980. In English with German summ. WR 182
[3 rue A. Mortier, 06000 Nice, France]

81-006541 Frommolt, Karl-Heinz and Ingolf Schult. GEBIRGSSTELZE (*MOTACILLA CINEREA*) IN MOLDAWIEN. [GREY WAGTAIL *MOTACILLA CINEREA* IN MOLDAVIA.] *Beitr. Vogelkd.* 26(5):302. 1980. In German. WR 182
[Nr. 62, DDR-7401 Gerstenberg, East Germany]

81-006542 Götmark, Frank; Jan Uddén and Matti Åhlund. KAN GENOMFLYTTANDE NORDLIGA STENSKVÄTTOR AV MISSTAG TAXERAS SOM HÄCKFÅGLAR I SÖDRA SVERIGE? [ON THE RISK OF COUNTING NORTHERN WHEATEARS *OENANTHE OENANTHE* AS LOCAL BREEDERS IN SOUTH SWEDEN DURING SPRING MIGRATION.] *Vår Fågelvärld* 40(2):112-114. 1981. In Swedish with English summ. WR 182
[Zool. Inst., Box 25059, 400 31 Göteborg, Sweden]

81-006543 Galbraith, H.; A. B. Mitchell and G. Shaw. THE MOULT OF THE DIPPER IN CENTRAL SCOTLAND. *Bird Study* 28(1):53-59. Mar. 1981. WR 182
[96 Neilston Rd., Paisley, Renfrewshire, Scotland] *Cinclus cinclus.*

81-006544 Gatz, Thomas A.; Rebecca Quanrud and Robert Randall. A MATED PAIR OF EASTERN AND MOUNTAIN BLUEBIRDS IN NORTH DAKOTA. *Prairie Nat.* 13(1):31. Mar. 1981. WR 182
[Biol. Branch, U.S. Water & Power Resour. Serv., Bismarck, ND 58501] *Sialia sialis* and *Sialia currucoides.*

81-006545 Glen, D. M.; N. F. Milsom and C. W. Wiltshire. THE EFFECT OF PREDATION BY BLUE-TITS (*PARUS CAERULEUS*) ON THE SEX-RATIO OF CODLING MOTH (*CYDIA POMONELLA*). *J. Appl. Ecol.* 18(1):133-140. Apr. 1981. WR 182
[Long Ashton Res. Stn., Long Ashton, Bristol BS18 9AF, England]

81-006546 Grünhagen, Heinz. DER CISTENSÄNGER (*CISTICOLA JUNCIDIS*) ALS BRUTVOGEL IN DALMATIEN. [FAN-TAILED WARBLER *CISTICOLA JUNCIDIS* AS A BREEDING BIRD IN DALMATIA.] *Vogelwelt* 102(1):27-28. 1981. In German. WR 182
[Kretenbäskesweg 22, D-4150 Krefeld-Hüls, West Germany]

81-006547 Graves, Gary R. BRIGHTLY COLOURED PLUMAGE IN FEMALE MANAKINS (*PIPRA*). *Bull. Br. Ornithol. Club* 101(1):270-271. Mar. 1981. WR 182
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306] Data for 11 spp.

81-006548 Grove, Patricia A. THE EFFECT OF LOCATION AND STAGE OF NESTING ON NEIGHBOR/STRANGER DISCRIMINATION IN THE HOUSE WREN. *Ph.D. dissertation, City Univ. New York* 111p. 1981. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4352. 1981. June 1981. WR 182
Troglodytes aedon.

OTHER PASSERINE BIRDS (CONTINUED)

81-006549 Hackler, Andrea and Rolf Weyh. ZWEI BEMERKENSWERTE VERHALTENSWEISEN DES HAUSSPERLINGS. [TWO NOTEWORTHY ACTIVITY PATTERNS OF HOUSE SPARROWS.] *Luscinia* 44(1/2):91-92. 1979. In German. WR 182
[Fachbereich Biol., Univ. Frankfurt, Siesmayerstraße 70, 6000 Frankfurt/Main, West Germany] *Passer domesticus.*

81-006550 Hall, Dorothy. PIED MANNIKIN AND RED-BACKED MANNIKIN EATING *SPIROGYRA* IN EASTERN TRANSVAAL. *Bokmakierie* 33(1):24. Mar. 1981. WR 182
[P.O. Box 8, Mataffin 1205, South Africa] *Lonchura fringilloides* and *L. bicolor.*

81-006551 Hans ter Haar, G. J. DUNN'S LARK IN ISRAEL IN APRIL 1980. *Dutch Birding* 3(1):19-20. Mar. 1981. In English. WR 182
[Uilenstede 202, 1183 AP Amstelveen, Netherlands] *Eremalauda dunni.*

81-006552 Hansen, Poul. COORDINATED SINGING IN NEIGHBOURING YELLOWHAMMERS (*EMBERIZA CITRINELLA*). *Nem. Soc. Fauna Flora Fenn.* 57(1):7. 1981. Abstract only. WR 182
[Lab. Bioacoustics, Nat. Hist. Mus., DK-8000 Aarhus C, Denmark]

81-006553 Hanssen, Ole Jørgen and Morten Nilsen. FØRSTE FUNN AV SANGSPURV *ZONOTRICHIA MELODIA* I NORGE. [FIRST RECORD OF SONG SPARROW IN NORWAY.] *Vår Fuglefauna* 3(1):11-13. 1980. In Norwegian with English summ. WR 182
[Hassingveien 11, N-1600 Fredrikstad, Norway] Courtesy/Jon Swenson.

81-006554 Hauge, Kjell-Ove. TREDJEKULIS-HEKKING HOS SVARTTROST. [BLACKBIRDS WITH THREE CLUTCHES.] *Vår Fuglefauna* 2(2):119. 1979. In Norwegian with English summ. WR 182
[Postboks 133, Stud. Post, N-1432 Ås,Norway] The second recorded pair of *Turdus merula* producing three clutches in one season in Norway is described.--Courtesy/Jon Swenson

81-006555 Heer, Paul de. COMMENT ON 'ADDITIONAL FIELD CHARACTERS OF WATER PIPIT.' *Dutch Birding* 2(4):147. Jan. 1981. In English. WR 182
[Hendrik Casimirstraat 160, 3136 BE Vlaardingen, Netherlands] *Anthus spinoletta.*

81-006556 Heise, Günter and Axel Schmidt. ZWEI HERBSTNACHWEISE DES GRÜNEN LAUBSÄNGERS (*PHYLLOSCOPUS TROCHILOIDES* SUND.) IM OSTEN DER DDR. [TWO AUTUMNAL REPORTS OF *PHYLLOSCOPUS TROCHILOIDES* IN EASTERN EAST GERMANY.] *Beitr. Vogelkd.* 27(1):53-54. 1981. In German. WR 182
[Robert-Schulz-Ring 18, DDR-2130 Prenzlau, East Germany]

81-006557 Hellmich, J. ZUM FÜTTERVERHALTEN EINES „VEREINSAMTEN" TRAUERSCHNÄPPER-MÄNNCHENS (*FICEDULA HYPOLEUCA*) AM ENDE DER NESTLINGSZEIT. [ON THE FORAGING BEHAVIOR OF AN "ISOLATED" MALE PIED FLYCATCHER *FICEDULA HYPOLEUCA* AT THE END OF THE NESTLING PERIOD.] *Vogelwelt* 102(2):48-51. 1981. In German with English summ. WR 182
[Hagener Berg 7, D-3057 Neustadt 1, West Germany]

OTHER PASSERINE BIRDS (CONTINUED)

81-006558 Higuchi, Hiroyoshi and Hiroshi Momose. DEFERRED INDEPENDENCE AND PROLONGED INFANTILE BEHAVIOUR IN YOUNG VARIED TITS, *PARUS VARIUS*, OF AN ISLAND POPULATION. *Anim. Behav.* 29(2):523-528. May 1981. WR 182
[Lab. Forest Zool., Fac. Agric., Univ. Tokyo, Bunkyo-ku, Tokyo 113, Japan]

81-006559 Higuchi, Hiroyoshi and Toshiaki Hirano. [BREEDING RECORDS AND BREEDING HABITATS OF THE WHITE WAGTAIL *MOTACILLA ALBA* IN TOCHIGI PREFECTURE.] *Tori* 29(4):121-128. Mar. 1981. In Japanese with English summ. WR 182
[Lab. Forest Zool., Fac. Agric., Univ. Tokyo, Bunkyo-ku, Tokyo 113, Japan]

81-006560 Hudson, Robert. NIGHTINGALES IN BRITAIN IN 1976. *Bird Study* 26(4):204-212. Dec. 1979. WR 182
[British Trust Ornithol., Beech Grove, Hertfordshire HP23 5NR, England] *Luscinia megarhynchos*.

81-006561 Hund, Karl and Roland Prinzinger. SUCHEN SICH MEHLSCHWALBEN *DELICHON URBICA* SCHON BALD NACH DEM AUSFLIEGEN DEN KÜNFTIGEN BRUTPLATZ? [DO HOUSE MARTINS *DELICHON URBICA* LOOK FOR THE FUTURE BREEDING SITE SOON AFTER FLEDGING?] *J. Ornithol.* 122(2):197-198. Apr. 1981. In German with English summ. WR 182
[D-7961 Riedhausen, West Germany]

81-006562 Huntley, B. and H. T. Laycock. UNUSUAL BEHAVIOUR OF A MALE THICKBILLED WEAVER. *Bokmakierie* 33(1):5-6. Mar. 1981. WR 182
[2 Huntley Rd., Queensburgh 4093, South Africa] *Amblyospiza albifrons*.

81-006563 Ingalhallikar, S. and Sanjay Kothari. PURPLERUMPED SUNBIRDS AS FOSTER PARENTS. *J. Bombay Nat. Hist. Soc.* 74(3):530-531. Dec. 1977. WR 182
[184 Shaniwar Peth, Pune-411 030, Maharashtra State, India] *Nectarinia zeylonica*.

81-006564 Inouye, Motonori. [OCCURRENCE OF THE RED-THROATED THRUSH IN HOKKAIDO, JAPAN.] *Tori* 29(4):148. Mar. 1981. In Japanese with English summ. WR 182
[11-3, Nopporo Suehiro-cho, Ebetsu, Hokkaido 069-01, Japan] *Turdus ruficollis ruficollis*.

81-006565 Jackson, Jerome A. and Bette J. Schardien. BELLY-SOAKING AS A POSSIBLE THERMOREGULATORY MECHANISM IN NESTING PURPLE MARTINS. *N. Am. Bird Bander* 6(1):12-13. Jan.-Mar. 1981. WR 182
[Dep. Biol. Sci., Miss. State Univ., Mississippi State 39762] *Progne subis*.

81-006566 James, Ross D. THE COMPARATIVE FORAGING BEHAVIOUR OF YELLOW-THROATED AND SOLITARY VIREOS: THE EFFECT OF HABITAT AND SYMPATRY. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 137-163. 1979. From Ecol. Abstr. 1980/5:80L/6851. 1980. WR 182
Vireo flavifrons, *V. solitarius*, and *V. olivaceus* in Canada and Pennsylvania.

OTHER PASSERINE BIRDS (CONTINUED)

81-006567 Jones, Marilyn M. ULTRASTRUCTURAL CHANGES IN THE PECTORALIS MUSCLE (*PARS THORACICUS*) OF NESTLING HOUSE SPARROWS (*PASSER DOMESTICUS*). *J. Anat.* 132(3):467-468. May 1981. Abstract only. WR 182
[Dep. Anat., St. Thomas's Hospital Med. School, London, England] *Passer domesticus.*

81-006568 Krüger, Siegfried. SPÄTE BEOBACHTUNG EINES STEINSCHMÄTZERS, *OENANTHE OENANTHE* L. [LATE OBSERVATIONS OF A WHEATEAR *OENANTHE OENANTHE*.] *Beitr. Vogelkd.* 26(5):303. 1980. In German. WR 182
[J.-G.-Herder-Straße 29, DDR-7700 Hoyerswerda, East Germany]

81-006569 Königstedt, Dietmar. WASSERPIEPER (*ANTHUS SPINOLETTA SPINOLETTA*) MIT GRAUEN SCHWANZAU?ENSEITEN. [WATER PIPIT *ANTHUS SPINOLETTA SPINOLETTA* WITH GRIZZLED OUTER TAILFEATHERS.] *Beitr. Vogelkd.* 26(5):303. 1980. In German. WR 182
[Erich-Weinert-Straße 9, DDR-2200 Greifswald, East Germany]

81-006570 Königstedt, Dietmar. ÜBER DEN WERT DER ZUNGENPUNKTE FÜR DIE ALTERSBESTIMMUNG BEI TEICH- UND SCHILFROHRSÄNGERN (*ACROCEPHALUS SCIRPACEUS* UND *A. SCHOENOBAENUS*). [ON THE VALUE OF TONGUE SPOTS FOR AGING IN REED WARBLER *ACROCEPHALUS SCIRPACEUS* AND SEDGE WARBLER *ACROCEPHALUS SCHOENOBAENUS*.] *Beitr. Vogelkd.* 26(1):62-63. 1980. In German. WR 182
[Erich-Weinert-Straße 9, DDR-2200 Greifswald, East Germany]

81-006571 Kale, Herbert W. II. DISTRIBUTION AND HABITAT OF BREEDING SEASIDE SPARROWS IN FLORIDA. *Fla. Sci.* 44(suppl. 1):37. 1981. Abstract only. WR 182
[Fla. Audubon Soc., 35-1st. Ct. SW, Vero Beach 32960] Data for 6 sspp. of *Ammospiza maritima.*

81-006572 Khacher, Lavkumar. NOTE ON THE BAYA WEAVER BIRD *PLOCEUS PHILIPPINUS* (LINN.). *J. Bombay Nat. Hist. Soc.* 74(3):533. Dec. 1977. WR 182
[Bombay Nat. His. Soc., Hornbill House, S. Bhagat Singh Rd., Bombay-400 023, India]

81-006573 Khan, Mohammad Ali Reza. DEAD NILGIRI HOUSE SWALLOW IN A NEST. *J. Bombay Nat. Hist. Soc.* 74(3):528-529. Dec. 1977. WR 182
[Bombay Nat. Hist. Soc., Bombay-400 023, India] *Hirundo tahitica domicola* in India.

81-006574 Kooiker, Gerhard. AUßERGEWÖHNLICH HOHE BRUTKONZENTRATION DES NEUNTÖTERS (*LANIUS COLLURIO*) AUF ÖLAND/SCHWEDEN. [UNUSUALLY HIGH BREEDING CONCENTRATION OF RED-BACKED SHRIKE *LANIUS COLLURIO* AT ÖLAND, SWEDEN] *Vogelwelt* 102(1):28. In German. WR 182
[Wallhegge 12, 4500 Osnabrück, West Germany]

OTHER PASSERINE BIRDS (CONTINUED)

81-006575 Krebs, John R.; Mark Avery and Richard J. Cowie. EFFECT OF REMOVAL OF MATE ON THE SINGING BEHAVIOUR OF GREAT TITS. *Anim. Behav.* 29(2):635-637. May 1981. WR 182
[Edward Grey Inst. Field Ornithol., Zool. Dep., South Parks Rd., Oxford OX1 3PS, England] *Parus major*.

81-006576 Kuschert, Holger and Olaf Ekelöf. SINGENDE WEIBCHEN DES TEICHROHRSÄNGERS (*ACROCEPHALUS SCIRPACEUS*). [SINGING FEMALE REED WARBLER *ACROCEPHALUS SCIRPACEUS*.] *Vogelwelt* 102(1):29-30. 1981. In German. WR 182
[Dorftstraße 14, 2351 Langwedel, West Germany]

81-006577 Kuschert, Holger. DIE GESCHLECHTSBESTIMMUNG DES TEICHROHRSÄNGERS (*ACROCEPHALUS SCIRPACEUS*) ANHAND DER KLOAKENFORM UND DES BRUTFLECKS. [SEXING REED WARBLERS (*ACROCEPHALUS SCIRPACEUS*) BY THE CLOACAL REGION AND THE BROOD PATCH.] *Vogelwarte* 30(4):301-305. In Dec. 1980. German with English summ. WR 182
[Lornsenstraße 54, D-2250 Husum, West Germany]

81-006578 Lambert, Kurt. BRUT DES ZWERGSCHNÄPPERS (*FICEDULA PARVA*) 1979 IN DER SÄCHSISCHEN SCHWEIZ. [BROOD OF RED-BREASTED FLYCATCHER *FICEDULA PARVA* 1979 IN SAXON SWITZERLAND.] *Beitr. Vogelkd.* 26(6):352-354. 1980. In German. WR 182
[Kubastraße 35, DDR-2520 Rostock 22, East Germany]

81-006579 Lambeth, Sharon; David Lambeth; Greg Lambeth; Thomas Gatz and Donald Treasure. FIRST NEST RECORDS FOR RED-BREASTED NUTHATCH IN NORTH DAKOTA. *Prairie Nat.* 13(1):26. Mar. 1981. WR 182
[1909 20th Ave. S., Grand Forks, ND 58201] *Sitta canadensis*.

81-006580 Lang, B. LES FAUVETTES AQUATIQUES EN NORMANDIE. [THE WETLAND WARBLERS IN NORMANDY.] *Cormoran* 4(2):76-85. 1979. In French with English summ. WR 182
[39 Blvd. Général Vanier, 14000 Caen, France] Data for 9 spp.

81-006581 Langslow, D. R. MOVEMENTS OF BLACKCAPS RINGED IN BRITAIN AND IRELAND. *Bird Study* 26(4):239-252. Dec. 1979. WR 182
[Nat. Conserv. Council, P.O. Box 6, Godwin House, George St., Huntingdon PE18 6B4, England] *Sylvia atricapilla*.

81-006582 Laycock, H. T. PLUMAGE ABNORMALITIES IN THE THICKBILLED WEAVER. *Ostrich* 52(1):62-63. Mar. 1981. WR 182
[39 Armstrong Dr., Pietermaritzburg, South Africa 3201] *Amblyospiza albifrons* in South Africa.

81-006583 Leach, Iain H. WINTERING BLACKCAPS IN BRITAIN AND IRELAND. *Bird Study* 28(1):5-14. Mar. 1981. WR 182
[18 Burness Ave., Alloway Ayr KA7 4QB, United Kingdom] *Sylvia atricapilla*.

81-006584 Lein, M. Ross. DISPLAY BEHAVIOR OF OVENBIRDS (*SEIURUS AUROCAPILLUS*) II. SONG VARIATION AND SINGING BEHAVIOR. *Wilson Bull.* 93(1):21-41. Mar. 1981. WR 182
[Dep. Biol., Univ. Calgary, Calgary, Alberta T2N 1N4, Canada]

OTHER PASSERINE BIRDS (CONTINUED)

81-006585 Leischnig, Stephan. DER FITISLAUBSÄNGER (*PHYLLOSCOPUS TROCHILUS*) BRÜTET IN EINEM NISTKASTEN. [THE WILLOW WARBLER *PHYLLOSCOPUS TROCHILUS* BREEDING IN A NEST BOX.] *Beitr. Vogelkd.* 27(1):48-49. 1981. In German. WR 182
[Hauptstraße 7, DDR-7251 Voigtshain, East Germany]

81-006586 Lemon, R. E.; J. Struger; M. J. Lechowicz and R. F. Norman. SONG FEATURES AND SINGING HEIGHTS OF AMERICAN WARBLERS: MAXIMIZATION OR OPTIMIZATION OF DISTANCE? *J. Acoust. Soc. Am.* 69(4):1169-1176. Apr. 1981. WR 182
[Dep. Biol., McGill Univ., Montreal, Quebec H3A 1B1, Canada] Data for 19 spp. of Parulidae.

81-006587 Li Shichun; Liu Bingoian and Liu Xiyue. [THE DEVELOPMENT OF THERMOREGULATION IN THE NESTLINGS OF THE TREE SPARROW.] *Acta Zool. Sin.* 25(4):359-370. 1979. From Ecol. Abstr. 1980/5:80L/6860. 1980. In Chinese with English summ. WR 182
Passer montanus saturatus.

81-006588 Lindskog, Hakan and Gunnar Roos. HÖSTSTRÄCKETS FÖRLOPP HOS BLAMES *PARUS CAERULEUS* OCH TALGOXE *PARUS MAJOR* VID FALSTERBO 1973-1978. [THE AUTUMN MIGRATION OF BLUE TITS *PARUS CAERULEUS* AND GREAT TITS *PARUS MAJOR* AT FALSTERBO IN 1973-1978.] *Anser* 18(3):171-188. 1979. From Ecol. Abstr. 1980/5:80L/6879. 1980. In Swedish with English summ. WR 182

81-006589 Lindskog, Hakan and Gunnar Roos. VÄDRETS INFLYTANDE PÅ MESARNAS, SÄRSKILT BLÅMESENS *PARUS CAERULEUS*, UPPTRÄDANDE VID FALSTERBO UNDER HÖSTRÄCKET. [THE INFLUENCE OF WEATHER ON THE AUTUMN MIGRATION OF TITS, ESPECIALLY THE BLUE TIT *PARUS CAERULEUS*, AT FALSTERBO, SOUTH SWEDEN.] *Anser* 19(1):1-10. 1980. From Ecol. Abstr. 1980/6:80L/8328. 1980. In Swedish with English summ. WR 182

81-006590 Lochmiller, Robert. RECENT BREEDING RECORD OF HORNED LARK FOR MONTGOMERY COUNTY. *Raven* 50(2):33. June 1979. WR 182
[Dep. Fisheries & Wildl., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Eremophila alpestris.*

81-006591 Logan, Cheryl A. and Mary Rulli. BIGAMY IN A MALE MOCKINGBIRD. *Auk* 98(2):385-386. Apr. 1981. WR 182
[Dep. Psychol., Univ. N.C., Greensboro 27412] *Mimus polyglottos* in North Carolina.

81-006592 Love, J. A. AN ISLAND POPULATION OF BLUE TITS. *Bird Study* 28(1):63-64. Mar. 1981. WR 182
[Nature Conservancy Council, Isle of Rhum, Inverness-shire, Scotland] *Parus caeruleus* in Scotland.

81-006593 Lundberg, Per; Anders Bergman and Håkan Olsson. ON THE ECOLOGY OF WINTERING DIPPERS (*CINCLUS CINCLUS*) IN NORTHERN SWEDEN. *J. Ornithol.* 122(2):163-172. Apr. 1981. In English with German summ. WR 182
[Dep. Ecol. Zool., Univ. Umeå, S-901 87 Umeå, Sweden]

OTHER PASSERINE BIRDS (CONTINUED)

81-006594 Müller, Hartmut. EIN WEITERER NACHWEIS DES STEINSPERLINGS, *PETRONIA PETRONIA* (L.), IN BULGARIEN. [ANOTHER REPORT OF THE ROCK SPARROW *PETRONIA PETRONIA* IN BULGARIA.] *Beitr. Vogelkd.* 27(1):55-56. 1981. In German. WR 182
[Post Thurow, DDR-2081 Serrahn, East Germany]

81-006595 Majumdar, N. ON THE TAXONOMIC VALIDITY OF THE SOUTH INDIAN BLACKHEADED ORIOLE, *ORIOLUS XANTHORNUS MADERASPATANUS* FRANKLIN (AVES: ORIOLIDAE). *J. Bombay Nat. Hist. Soc.* 77(1):139-142. Apr. 1980. WR 182
[Zool. Surv. India, Indian Mus., Calcutta 700 016, India]

81-006596 Marsh, Richard L. CATABOLIC ENZYME ACTIVITIES IN RELATION TO PREMIGRATORY FATTENING AND MUSCLE HYPERTROPHY IN THE GRAY CATBIRD (*DUMETELLA CAROLINENSIS*). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 141(4):417-423. Mar. 1981. WR 182
[Dep. Dev. & Cell Biol., Univ. Calif., Irvine 92717]

81-006597 Matsuoka, Shigeru. [PSEUDO WARNING CALL IN TITMICE.] *Tori* 29(2/3):87-90. Oct. 1980. In English with Japanase summ. WR 182
[Inst. Appl. Zool., Fac. Agric., Hokkaido Univ., Sapporo, Hokkaido 060, Japan] *Parus* spp.

81-006598 McEllin, Shaun M. POPULATION DEMOGRAPHIES, SPACING, AND FORAGING BEHAVIORS OF WHITE-BREASTED AND PIGMY NUTHATCHES IN PONDEROSA PINE HABITAT. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 301-329. 1979. From Ecol. Abstr. 1980/5:80L/6844. 1980. WR 182
Sitta carolinensis and *S. pygmaea*.

81-006599 McKenzie, C. E. and D. I. MacKenzie. COMPARISON OF THE ECTOPARASITIC FAUNA OF EASTERN AND WESTERN KINGBIRDS AT DELTA MARSH, MANITOBA. *Can. J. Zool.* 59(5):717-721. May 1981. In English with French summ. WR 182
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2] *Tyrannus tryannus* and *T. verticalis*.

81-006600 Merritt, Peter G. NARROWLY DISJUNCT ALLOPATRY BETWEEN BLACK-CAPPED AND CAROLINA CHICKADEES IN NORTHERN INDIANA. *Wilson Bull.* 93(1):54-66. Mar. 1981. WR 182
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124]

81-006601 Meyer, Heinz. BUCHFINK (*FRINGILLA COELEBS* L.) VERWENDET ZELLSTOFF UND GLASFASERN ZUM NESTBAU. [*FRINGILLA COELEBS* USES CELLULOSE AND FIBREGLASS IN NEST BUILDING.] *Beitr. Vogelkd.* 26(1):64. 1980. In German. WR 182
[Forststraße 2, DDR-8060 Dresden, East Germany]

81-006602 Meyers, Joseph M.; Michael J. Harris and Terrance C. Larimer. YELLOW-BELLIED FLYCATCHER IN ATHENS, GEORGIA. *Oriole* 44(4):90. Dec. 1979. WR 182
[Inst. Ecol., Univ. Ga., Athens 30602] *Empidonax flaviventris*.

OTHER PASSERINE BIRDS (CONTINUED)

81-006603 Michelland, Dominique. LA REPRODUCTION DES MÉSANGES DANS LA CÉDRAIE DU MONT-VENTOUX (VAUCLUSE) EN 1976-1979. [REPRODUCTION OF TITS IN THE CEDAR FORESTS OF MONT VENTOUX (VAUCLUSE) DURING 1976-1979.] *Alauda* 48(2-3):113-129. Sept. 1980. In French with German and English summ. WR 182
[Lab. Syst. & Ecol. Méditerranéennes, Inst. Bot., 5 rue Auguste-Broussonet, 34000 Montpellier, France] *Parus major, P. caeruleus* and *P. ater* in France.

81-006604 Middleton, Raymond J. HOUSE FINCHES IN SOUTHEASTERN AND CENTRAL PENNSYLVANIA. *N. Am. Bird Bander* 4(4):166-168. Oct.-Dec. 1979. WR 182
[131 N. Whitehall Rd., Norristown, PA 19403] *Carpodacus mexicanus.*

81-006605 Møller, Anders Pape. FIELD IDENTIFICATION OF PARROT CROSSBILL. *Dutch Birding* 2(4):148-150. Jan. 1981. In Dutch with English summ. WR 182
[Langelandsgade 220 st.th., 8200 Aarhus N, Denmark] *Loxia pytyopsittacus.*

81-006606 Moermond, Timothy C. COOPERATIVE FEEDING, DEFENSE OF YOUNG, AND FLOCKING IN THE BLACK-FACED GROSBEAK. *Condor* 83(1):82-83. Feb. 1981. WR 182
[Dep. Zool., Univ. Wis., Madison 53706] *Caryothraustes canadensis poliogaster* in Costa Rica.

81-006607 Montevecchi, William A.; Bruce Mactavish and Ian R. Kirkham. FIRST NORTH AMERICAN PHOTOGRAPHIC RECORD OF THE REDWING (*TURDUS ILIACUS*). *Am. Birds* 35(2):147. Mar. 1981. WR 182
[Dep. Psychol., Memorial Univ. Newfoundland, St. John's, Newfoundland A1B 3X9, Canada]

81-006608 Morlan, Joseph. STATUS AND IDENTIFICATION OF FORMS OF WHITE WAGTAIL IN WESTERN NORTH AMERICA. *Continental Birdlife* 2(2):37-50. Apr. 1981. WR 182
[419 Talbot Ave., Albany, CA 94706] *Montacilla alba lugens* and *M. a. ocularis.*

81-006609 Newlon, Michael C. CURVE-BILLED THRASHERS IN IOWA. *Iowa Bird Life* 51(1):21-24. Mar. 1981. WR 182
[408 Wales St., Iowa City, IA] *Toxostoma curvirostre.*

81-006610 Noble-Rollin, Calvert. BREEDING TESTS ON ALBINISTIC EUROPEAN BLACKBIRDS. *Bird Res.* 2(5):81-87. Mar. 1981. WR 182
Turdus merula.

81-006611 Oeser, Rudolf. WIEDERFUNDE IN ENGLAND BERINGTER AMSELN (*TURDUS MERULA*) AUF DEM TERRITORIUM DER DEUTSCHEN DEMOKRATISCHEN REPUBLIK. [ANOTHER RECAPTURE IN ENGLAND OF A BLACKBIRD *TURDUS MERULA* BANDED IN EAST GERMANY.] *Beitr. Vogekld.* 26(6):355-357. 1980. In German. WR 182
[Schulstraße 84, DDR-9443 Raschau/Erzgeb, East Germany]

OTHER PASSERINE BIRDS (CONTINUED)

81-006612 Olson, Storrs L. INTERACTION BETWEEN THE TWO SUBSPECIES GROUPS OF THE SEED-FINCH *SPOROPHILA ANGOLENSIS* IN THE MAGDALENA VALLEY, COLOMBIA. *Auk* 98(2):379-381. Apr. 1981. WR 182
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

81-006613 Osieck, Eduard R. WAARNEMINGEN VAN ORPHEUSSPOTVOGEL IN 1960 EN 1968 TEN ONRECHTE AANVAARD. [OBSERVATIONS OF MELODIOUS WARBLER IN 1960 AND 1968 WRONGLY ACCEPTED.] *Dutch Birding* 3(1):23-25. Mar. 1981. In Dutch with English summ. WR 182
[Steffenshein 20, 1251 ZE Laren NH, Netherlands] *Hippolais polyglotta* in the Netherlands.

81-006614 Parker, Theodore A. III. DISTRIBUTION AND BIOLOGY OF THE WHITE-CHECKED COTINGA *ZARATORNIS STRESEMANNI*, A HIGH ANDEAN FRUGIVORE. *Bull. Br. Ornithol. Club* 101(1):256-265. Mar. 1981. WR 182
[Mus. Zool., La. State Univ., Baton Rouge 70893]

81-006615 Pearson, D. J.; A. D. Lewis and D. A. Turner. THE GAMBAGA FLYCATCHER *MUSCICAPA GAMBAGAE* IN NORTHERN KENYA. *Scopus* 4(4):96. Dec. 1980. WR 182
[Dep. Biochem., Box 30197, Nairobi, Kenya]

81-006616 Perez, E.; M. Fournet and G. Bertran. LA REPRODUCTION DU MERLE NOIR EN NORMANDIE. [BREEDING OF THE BLACKBIRD IN NORMANDY.] *Cormoran* 4(2):86-94. 1979. In French with English summ. WR 182
[Résidence Roi Henri, 28 rue Boileau, 91560 Crosne, France]

81-006617 Pinkowski, Benedict C. FORAGING ECOLOGY AND HABITAT UTILIZATION IN THE GENUS *SIALIA*. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 165-190. 1979. From Ecol. Abstr. 1980/5:80L/6828. 1980. WR 182
Sialia currucoides, *S. sialis*, and *S. mexicana*.

81-006618 Ports, Mark A.; Marvin D. Schwilling and Max C. Thompson. THE BREWER'S SPARROW IN KANSAS: STATUS AND BREEDING HABITAT. *Kans. Ornithol. Soc. Bull.* 32(2):23-25. June 1981. WR 182
[P.O. Box 443, Elko, NV 89801] *Spizella breweri*.

81-006619 Powlesland, R. G. FOOD-STORING BEHAVIOUR OF THE SOUTH ISLAND ROBIN. *Nauri Ora* 8:11-20. 1980. WR 182
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand] *Petroica a. australis* in New Zealand.

81-006620 Prescott, Kenneth W. WEIGHT, FAT CLASS, AND WING MEASUREMENTS OF GOLDEN-CROWNED KINGLETS DURING MIGRATION. *Inl. Bird Banding* 52(4)41-48. 1980. WR 182
[Dep. Art, Univ. Tex., Austin 78712] *Regulus satrapa* in New Jersey.

81-006621 Price, Trevor D. ON THE OCCURRENCE OF TYTLER'S LEAF WARBLER, *PHYLLOSCOPUS TYTLERI* BROOKS IN GOA. *J. Bombay Nat. Hist. Soc.* 77(1):143-144. Apr. 1980. WR 182
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109]

OTHER PASSERINE BIRDS (CONTINUED)

81-006622 Price, Trevor. THE ECOLOGY OF THE GREENISH WARBLER *PHYLLOSCOPUS TROCHILOIDES* IN ITS WINTER QUARTERS. *Ibis* 123(2):131-144. Apr. 1981. WR 182
[Bombay Nat. Hist. Soc., Hornbill House, Shahid Bhagat Singh Rd., Bombay 400 023, India]

81-006623 Radesäter, Tommy; Torbjörn Järvi and Sven Jakobsson. TERRITORY, SONG AND PAIRFORMATION IN THE WILLOW WARBLER (*PHYLLOSCOPUS TROCHILUS*). *Mem. Soc. Fauna Flora Fenn.* 57(1):14. 1981. Abstract only. WR 182
[Dep. Zool., Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden]

81-006624 Rebollo, Florentino de Lope. BIOLOGIE DE LA REPRODUCTION DE L'HIRONDELLE ROUSSELINE *HIRUNDO DAURICA* EN ESPAGNE. [REPRODUCTIVE BIOLOGY OF *HIRUNDO DAURICA* IN SPAIN.] *Alauda* 48(2-3):99-112. Sept. 1980. In French with German, Spanish and English summ. WR 182
[Dep. Zool., Fac. Sci., Univ. Extremadura, Badajoz, Spain]

81-006625 Reid, W. H. and H. J. Fulbright. IMPALED PREY OF THE LOGGERHEAD SHRIKE IN THE NORTHERN CHIHUAHUAN DESERT. *Southwest. Nat.* 26(2):204-205. 21 May 1981. WR 182
[Dep. Biol. Sci., Univ. Tex., El Paso 79968] *Lanius ludovicianus* in Texas and New Mexico.

81-006626 Reymond, Alexandre and André Wagner. BERGERONNETTE CITRINE, *MOTACILLA CITREOLA* AUX GRANGETTES--PREMIÈRE OBSERVATION EN SUISSE. [THE YELLOW-HOODED WAGTAIL *MOTACILLA CITREOLA* AT GRANGETTES--FIRST OBSERVATION IN SWITZERLAND.] *Nos Oiseaux* 36(1):35-36. Mar. 1981. In French. WR 182
[Ch. des Bulesses 26, CH-1814 La Tour-de-Peilz, Switzerland]

81-006627 Reynolds, Timothy D. NESTING OF THE SAGE THRASHER, SAGE, SPARROW, AND BREWER'S SPARROW IN SOUTHEASTERN IDAHO. *Condor* 83(1):61-64. Feb. 1981. WR 182
[Radiol. & Environ. Sci. Lab., U.S. Dep. Energy, 550 Second St., Idaho Falls, ID 83401] *Oreoscoptes montanus*, *Amphispiza belli* and *Spizella breweri* in Idaho.

81-006628 Rezanov, A. G. [FEEDING BEHAVIOUR AND MODES OF FEEDING IN THE WHITE WAGTAIL *MOTACILLA ALBA* (PASSERIFORMES, MOTACILLIDAE).] *Zool. Zh.* 60(4):548-556. Apr. 1981. In Russian with English summ. WR 182
[V.I. Lenin State Pedagogical Inst. Moscow, Moscow, USSR]

81-006629 Richards, Douglas G. ALERTING AND MESSAGE COMPONENTS IN SONGS OF RUFOUS-SIDED TOWHEES. *Behaviour* 76(3-4):223-249. 1981. In English with French summ. WR 182
[Kewalo Basin Marine Mammal Lab., Univ. Hawaii, 1129 Ala Moana Blvd., Honolulu 96814] *Pipilo erythrophthalmus*.

81-006630 Ritchison, Gary. SOUND STRUCTURE AND FUNCTION IN THE VOCALIZATIONS OF THE WHITE-BREASTED NUTHATCH. *Ky. Warbler* 57(2):40-43. May 1981. WR 182

OTHER PASSERINE BIRDS (CONTINUED)

81-006630 CONTINUED
[Dep. Biol. Sci., Eastern Ky. Univ., Richmond 40475] *Sitta carolinensis* in Minnesota.

81-006631 Røskaft, Eivin. REIRFORMINGSATFERD HOSGRÅTROST. [NEST-BUILDING BEHAVIOUR OF THE FIELDFARE.] *Vår Fuglefauna* 1(3/4):165-166. 1978. In Norwegian with English summ. WR 182
[Zool. Inst., NLHT, Rosenborg, N-7000 Trondheim, Norway] *Turdus pilaris* in Norway.--Courtesy/Jon Swenson.

81-006632 Robinson, Scott K. ECOLOGICAL RELATIONS AND SOCIAL INTERACTIONS OF PHILADELPHIA AND RED-EYED VIREOS. *Condor* 83(1):16-26. Feb. 1981. WR 182
[Dep. Biol., Princeton Univ., Princeton, NJ 08544] *Vireo philadelphicus* and *V. olivaceus* in New Hampshire.

81-006633 Rogers, Bob. WINTER WREN SIGHTED IN NORTHERN BLACK HILLS. *S.D. Bird Notes* 33(2):38-39. June 1981. WR 182
[Camp Crook, SD 57724] *Troglodytes brunneicollis* in South Dakota.

81-006634 Rogers, M. J. CALL OF RED-THROATED PIPIT. *Br. Birds* 74(5):228-229. May 1981. WR 182
[195 Vicarage Rd., Sunbury-on-Thames, Middlesex TW16 7TP, England] *Anthus cervinus*.

81-006635 Rowley, Ian. THE COMMUNAL WAY OF LIFE IN THE SPLENDID WREN, *MALURUS SPLENDENS*. *Z. Tierpsychol.* 55(3):228-267. 1981. In English with German summ. WR 182
[Div. Wildl. Res., CSIRO, Helena Valley, Western Australia 6056, Australia]

81-006636 Ryan, Richard. EUROPEAN GOLDFINCH STATUS UPDATE. *N.J. Audubon* 7(3):18. 1981. WR 182
Carduelis carduelis in New Jersey.

81-006637 Sæther, Bernt-Erik and Tore Fonstad. A REMOVAL EXPERIMENT SHOWING UNMATED FEMALES IN A BREEDING POPULATION OF CHAFFINCHES. *Anim. Behav.* 29(2):637-639. May 1981. WR 182
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway] *Fringilla coelebs*.

81-006638 Sæther, Bernt-Erik and Tore Fonstad. NON-BREEDING INDIVIDUALS IN A CHAFFINCH *FRINGILLA COELEBS* POPULATION. *Mem. Soc. Fauna Flora Fenn.* 57(1):15. 1981. Abstract only. WR 182
[Viltforskningen DVF, Elgesetergt. 10, N-7000 Trondheim, Norway]

81-006639 Samuelson, G. A. NORTHERN CARDINALS FEEDING ON FLYING TERMITES. *'Elepaio* 40(11):157. May 1980. WR 182
[B. P. Bishop Mus., P.O. Box 19000-A, Honolulu, HI 96819] *Cardinalis cardinalis* in Hawaii.

OTHER PASSERINE BIRDS (CONTINUED)

81-006640 Scherner, Erwin R. ERSTER NACHWEIS EINER ANSIEDLUNG DES HALSBANDSCHNÄPPERS (*FICEDULA ALBICOLLIS*) IN NIEDERSACHSEN. [FIRST REPORT OF A PIED FLYCATCHER *FICEDULA ALBICOLLIS* SETTLING IN LOWER SAXONY.] *Beitr. Vogelkd.* 26(6):367-368. 1980. In German. WR 182
[Spickenweg 36, D-3405 Rosdorf 1, West Germany]

81-006641 Schmidt, Karl-Heinz; Claudia Bäumer-März and Matthias März. UNGEWÖHNLICHER SCHLAFPLATZ VON KOHL- UND BLAUMEISEN (*PARUS MAJOR* UND *P. CAERULEUS*) IN DEN WINTERMONATEN. [UNUSUAL ROOSTING SITE FOR *PARUS MAJOR* AND *P. CAERULEUS* DURING THE WINTER MONTHS.] *Vogelwelt* 102(2):68-70. 1981. In German with English summ. WR 182
[Kaufmannsweg 2, 6490 Schlüchtern 2, West Germany]

81-006642 Schmidt, Karl-Heinz; Heidrun Kümmel and Karl-Georg Berressem. UNGEWÖHNLICHE ÜBERNACHTUNGS- UND BRUTORTE VON KOHLMEISEN (*PARUS MAJOR*). [UNUSUAL ROOSTING AND BREEDING SITES OF THE GREAT TIT *PARUS MAJOR*.] *Vogelwelt* 102(1):31-32. 1981. In German. WR 182
[Kaufmannsweg 2, 6490 Schlüchtern, West Germany]

81-006643 Schneider, Wolfgang. BEMERKENSWERTER NISTPLATZ VON *ERITHACUS RUBECULA* (L.). [NOTEWORTHY NESTING SITE OF THE ROBIN *ERITHACUS RUBECULA*.] *Beitr. Vogelkd.* 27(1):54-55. 1981. In German. WR 182
[August-Bebel-Straße 45, DDR-7030 Leipzig, East Germany]

81-006644 Schneider, Wolfgang. ABNORM GEFÄRBTER HAUSROTSCHWANZ (*PHOENICURUS OCHRURUS GIBRALTARIENSIS* GMELEN). [ABNORMAL COLORATION IN A BLACK REDSTART *PHOENICURUS OCHRUROS GIBRALTARIENSIS*.] *Beitr. Vogelkd.* 26(5):304. 1980. In German. WR 182
[August-Bebel-Straße 45, DDR-7030 Leipzig, East Germany]

81-006645 Schulenberg, Thomas S. and Gary L. Graham. A NEW SUBSPECIES OF *ANAIRETES AGRAPHIA* (TYRANNIDAE) FROM NORTHERN PERU. *Bull. Br. Ornithol. Club* 101(1):241-243. Mar. 1981. WR 182
[Mus. Zool., La. State Univ., Baton Rouge 70893] *Anairetes agraphia plengei*.

81-006646 Schwabl, Hubert; John C. Wingfield and Donald S. Farner. SEASONAL VARIATION IN PLASMA LEVELS OF LUTEINIZING HORMONE AND STEROID HORMONES IN THE EUROPEAN BLACKBIRD *TURDUS MERULA*. *Vogelwarte* 30(4):283-294. Dec. 1980. In English with German summ. WR 182
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, AM Obstberg, D-7760 Radolfzell 16, West Germany]

81-006647 Schwerdtfeger, O. BIGYNIE BEIM WALDBAUMLÄUFER (*CERTHIA FAMILIARIS*). [BIGYNY IN THE TREECREEPER (*CERTHIA FAMILIARIS*).] *Vogelwelt* 102(2):64-67. 1981. In German with English summ. WR 182
[Friedrich-Ebert-Straße 193, D-3360 Osterode am Harz, West Germany]

81-006648 Scott, Charlotte. THE CURVE-BILLED THRASHER AT RATHBUN. *Iowa Bird Life* 51(1):35. Mar. 1981. WR 182
Toxostoma curvirostre in Iowa.

OTHER PASSERINE BIRDS (CONTINUED)

81-006649 Seifert, Siegfried. BEOBACHTUNG EINES ZWERGSCHNÄPPERS, *FICEDULA PARVA* (BECHSTEIN), IM ELBSANDSTEINGEBIRGE. [OBSERVATION OF A RED-BREASTED FLYCATCHER *FICEDULA PARVA* IN ELBSANDSTEINGEBIRGE.] *Beitr. Vogelkd.* 26(5):301. 1980. In German. WR 182
[Dr.-Kurt-Fischer-Straße 29, DDR-7010 Leipzig, East Germany]

81-006650 Simonson, Gary. TOWNSEND'S SOLITAIRE AT STONEY POINT. *Loon* 53(1):56. 1981. WR 182
[5407 Morgan Ave. N., Minneapolis, MN 55430] *Myadestes townsendi* in Minnesota.

81-006651 Singh (Neepavgi), Sushama and Asha Chandola. PHOTOPERIODIC CONTROL OF SEASONAL REPRODUCTION IN TROPICAL WEAVER BIRD. *J. Exp. Zool.* 216(2):293-298. May 1981. WR 182
[Dep. Zool., Banaras Hindu Univ., Varanasi-221005, India] *Ploceus philippinus*.

81-006652 Smith, Michael F. CAROLINA WREN NEST IN HOLE IN BANK. *Bull. Okla. Ornithol. Soc.* 14(2):15-16. June 1981. WR 182
[2323 A Ave., Lawton, OK 73505] *Thryothorus ludovicianus* in Oklahoma.

81-006653 Sonerud, Geir A. and Jon Bekken. VIERSPURVENS UTBREDELSE I NORGE OG DENS HABITATVALG I HEDMARK. [THE DISTRIBUTION OF THE RUSTIC BUNTING IN NORWAY AND ITS HABITAT PREFERENCE IN HEDMARK COUNTY.] *Vår Fuglefauna* 2(2):78-85. 1979. In Norwegian with English summ. WR 182
[H. Hardrådes gt. 23, N-2300 Hamar, Norway] A habitat description for *Emberiza rustica* in Norway, and a review of the distribution of this expanding species.--Courtesy/Jon Swenson.

81-006654 Sorjonen, Jorma. MEANING OF THE SONG OF THE THRUSH NIGHTINGALE *LUSCINIA LUSCINIA* IN LONG- AND SHORT-DISTANCE COMMUNICATION. *Mem. Soc. Fauna Flora Fenn.* 57(1):17. 1981. Abstract only. WR 182
[Dep. Biol., Univ. Joensuu, Box 111, SF-80101 Joensuu 10, Finland]

81-006655 Speiser, Robert and John Benzinger. THE EASTERN BLUEBIRD IN THE HIGHLANDS OF SOUTHEASTERN NEW YORK STATE. *Continental Birdlife* 2(2):51-55. Apr. 1981. WR 182
[13 Beam Pl., Haledon, NJ 07508] *Sialia sialis*.

81-006656 Steffen, Galen L. SUMMER RECORDS OF RED-BREASTED NUTHATCHES IN GREGORY CO. *S.D. Bird Notes* 33(2):41. June 1981. WR 182
[Burke, SD 57523] *Sitta canadensis* in South Dakota.

81-006657 Stiles, F. Gary. THE TAXONOMY OF ROUGH-WINGED SWALLOWS (*STELGIDOPTERYX*; HIRUNDINIADAE) IN SOUTHERN CENTRAL AMERICA. *Auk* 98(2):282-293. Apr. 1981. WR 182
[Escuela Biol., Univ. Costa Rica, Ciudad Universitaria, Costa Rica]

81-006658 Taylor, Walter Kingsley and Robert J. Laird. NESTING OF THE SUMMER TANAGER NEAR OVIEDO, FLORIDA. *Fla. Field Nat.* 9(2):33. May 1981. WR 182
[Dep. Biol. Sci., Univ. Central Fla., Orlando 32816] *Piranga rubra*.

OTHER PASSERINE BIRDS (CONTINUED)

81-006659 Thiel, Richard P. WEIGHT AND FAT CLASSES OF WINTERING WISCONSIN GOLDFINCHES. *Inl. Bird Banding* 52(4):56-59. 1980. WR 182
[308 E. Council St., Tomah, WI 54660] *Spinus tristis.*

81-006660 Turner, Angela K. LEPIDOPTERAN LARVAE IN THE DIET OF THE SWALLOW. *Bird Study* 28(1):65. Mar. 1981. WR 182
[Biol. Dep., Univ. Stirling, Stirling, FK9 4LA, Scotland] *Hirundo rustica* in Scotland.

81-006661 Tye, Alan. GROUND-FEEDING METHODS AND NICHE SEPARATION IN THRUSHES. *Wilson Bull.* 93(1):112-114. Mar. 1981. WR 182
[Dep. Zool., Fourah Bay Coll., Univ. Sierra Leone, Freetown, Sierra Leone] *Turdus* spp.

81-006662 Vellenga, Reta. PIED CURRAWONG BANDING OBSERVATIONS. *Aust. Bird Watcher* 8(8):243-246. Dec. 1980. WR 182
[172/H2 Hopetoun Village, Castle Hill, New South Wales 2154, Australia] *Strepera graculina.*

81-006663 Via, Jerry W. FORAGING TACTICS OF FLYCATCHERS IN SOUTHWESTERN VIRGINIA. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 191-202. 1979. From Ecol. Abstr. 1980/5:80L/6815. 1980. WR 182
Myiarchus crinitus, Contopus virens, Empidonax minimus, E. virescens, E. traillii, Sayornis phoebe, and *T. tyrannus.*

81-006664 Via, Jerry W. HORNED LARKS SLEEPING IN FOOTPRINTS IN THE SNOW. *Raven* 50(2):34. June 1979. WR 182
[Dep. Biol., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Eremophila alpestris.*

81-006665 Vielliard, Jacques. REMARQUES COMPLÉMENTAIRES SUR LA SITTELLE KABYLE *SITTA LEDANTI* VIELLIARD 1976. [COMPLEMENTARY REMARKS ON THE ALGERIAN NUTHATCH *SITTA LEDANTI.*] *Alauda* 48(2-3):139-150. Sept. 1980. In French with German and English summ. WR 182
[UNICAMP, Zool., CP 1170, 13100 Campinas, São Paulo, Brazil]

81-006666 Wagner, Uwe. GRÜNLING (*CARDUELIS CHLORIS*) NISTET IM AMSELNEST. [GREENFINCH *CARDUELIS CHLORIS* NESTING IN A BLACKBIRD NEST.] *Vogelwelt* 102(1):32. 1981. In German. WR 182
[*Turdus merula.*]

81-006667 Walkinshaw, Lawrence H. RETURNS OF THE RARE KIRTLAND'S WARBLER. *Ring* 9(101):93-96. 1979. WR 182
Dendroica kirtlandii in Michigan.

81-006668 Wall, W. A. and J. W. Gortz. NEST ECOLOGY OF THE BARN SWALLOW (*HIRUNDO RUSTICA*) IN NORTHCENTRAL LOUISIANA. *Proc. La. Acad. Sci.* 43:185-186. 31 Dec. 1980. Abstract only. WR 182
[La. Tech Univ., Ruston]

81-006669 Walsberg, Glenn E. NEST-SITE SELECTION AND THE RADIATIVE ENVIRONMENT OF THE WARBLING VIREO. *Condor* 83(1):86-88. Feb. 1981. WR 182
[Dep. Zool., Ariz. State Univ., Tempe 85281] *Vireo gilvus* in Arizona.

OTHER PASSERINE BIRDS (CONTINUED)

81-006670 Wassink, Arend. PETSJORA PIEPER TEN ONRECHTE OP DE NEDERLANDSE LIJST. [PECHORA PIPIT WRONGLY ON THE DUTCH LIST.] *Dutch Birding* 2(4):144-146. Jan. 1981. In Dutch with English summ. WR 182
[Treubstraat 123, 2221 AR Katwijk aan Zee, Netherlands] *Anthus gustavi*.

81-006671 Wells, Lois and Darrell Wells. GRAY-CROWNED ROSY FINCH IN MOODY CO. *S.D. Bird Notes* 33(2):39. June 1981. WR 182
[Brookings, SD 57006] *Leucosticte tephrocotis* in South Dakota.

81-006672 Whiting, R. Montague, Jr. WINTER FEEDING NICHE PARTITIONMENT BY CAROLINA CHICKADEES AND TUFTED TITMICE IN EAST TEXAS. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 331-340. 1979. From Ecol. Abstr. 1980/5:80L/6835. 1980. WR 182
Parus carolinensis and *P. bicolor*.

81-006673 Wilkinson, Roger. CALLS OF NESTLING CHAFFINCHES *FRINGILLA COELEBS*: THE USE OF TWO SOUND SOURCES. *Z. Tierpsychol.* 54(4):346-356. 1980. In English with German summ. WR 182
[Dep. Biol. Sci., Bayero Univ., P.M.B. 3011, Kano, Nigeria]

81-006674 Williams, Morris D. FIRST DESCRIPTION OF THE NEST, EGGS, AND YOUNG OF THE TUMBES SPARROW (*AIMOPHILA [RHYNCHOSPIZA] STOLZMANNI*). *Condor* 83(1):83-84. Feb. 1981. WR 182
[Mus. Zool., La. State Univ., Baton Rouge 70893]

81-006675 Willis, Edwin O. and Yoshika Oniki. NOTES ON THE SLENDER ANTBIRD. *Wilson Bull.* 93(1):103-107. Mar. 1981. WR 182
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124] *Rhopornis ardesiaca*.

81-006676 Wilson, Paul W. SUCCESSFUL NESTING OF THE BANK SWALLOW IN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 14(2):9-11. June 1981. WR 182
[Box 486, R.R. 1, Fairland, OK 74343] *Riparia riparia*.

81-006677 Winkel, Wolfgang. ZUR POPULATIONSENTWICKLUNG VON FÜNF MEISEN-ARTEN (*PARUS* SPP.) IN EINEM LÄRCHEN-VERSUCHSGEBIET VOR UND NACH DEM STRENGEN WINTER 1978/79. [ON THE POPULATION GROWTH OF FIVE TIT SPECIES (*PARUS* SPP.) IN A LARCHWOOD EXPERIMENTAL AREA BEFORE AND AFTER THE SEVERE WINTER OF 1978/79.] *Vogelwelt* 102(2):41-47. 1981. In German with English summ. WR 182
[Außenstation Braunschweig Populationsökologie, Bauerustraße 14, D-3302 Cremlingen 1/Weddel, West Germany] *Parus major, P. caeruleus, P. ater, P. cristatus* and *P. montanus*.

81-006678 Winkel, Wolfgang and Doris Winkel. ZUM PAARZUSAMMENHALT BEI KOHL-, BLAU- UND TANNENMEISE (*PARUS MAJOR, P. CAERULEUS* UND *P. ATER*). [ON MATE-FIDELITY IN GREAT, BLUE AND COAL TITS (*PARUS MAJOR, P. CAERULEUS* AND *P. ATER*).] *Vogelwarte* 30(4):325-333. Dec. 1980. In German with English summ. WR 182
[Außenstation Braunschweig Populations Ökologie, Bauernstraße 14, D-3302 Cremlingen 1/Weddel, West Germany]

81-006679 Yanagisawa, Norio. [BREEDING OF GREY THRUSH IN THE URBAN AREAS OF SAITAMA PREFECTURE, CENTRAL HONSHU.] *Tori* 29(4):149-151. Mar. 1981. In Japanese with English summ. WR 182
[Azuma-cho 5-1-14, Iruma, Saitama 358, Japan] *Turdus cardis* in Japan.

OTHER PASSERINE BIRDS (CONTINUED)

81-006680 Yang, Suh Y. and James L. Patton. GENIC VARIABILITY AND DIFFERENTIATION IN THE GALAPAGOS FINCHES. *Auk* 98(2):230-242. Apr. 1981. WR 182
[Patton: Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] Data for 11 spp.

81-006681 Yunick, Robert P. SKULL PNEUMATIZATION RATES IN THREE INVADING POPULATIONS OF BLACK-CAPPED CHICKADEES. *N. Am. Bird Bander* 6(1):6-7. Jan.-Mar. 1981. WR 182
[1527 Myron St., Schenectady, NY 12309] *Parus atricapillus.*

81-006682 Zacharias, V. J. and D. N. Mathew. MALABAR JUNGLE BABBLER, *TURDOIDES STRIATUS MALABARICUS* (JERDON) AND WHITEHEADED BABBLER *TURDOIDES AFFINIS AFFINIS* (JERDON) JOINTLY CARING FOR THE CHICKS OF THE LATTER. *J. Bombay Nat. Hist. Soc.* 74(3):529-530. Dec. 1977. WR 182
[Dep. Zool., Univ. Calicut, Calicut Univ. P.O., Kerala-673 635, India]

81-006683 Zang, Herwig. ZUR BRUTBIOLOGIE UND HÖHENVERBREITUNG DER WASSERAMSEL (*CINCLUS C. AQUATICUS*) IM HARZ. [ON THE BREEDING BIOLOGY AND THE ALTITUDE DISTRIBUTION OF THE DIPPER (*CINCLUS C. AQUATICUS*) IN THE HARZ MOUNTAINS.] *J. Ornithol.* 122(2):153-162. Apr. 1981. In German with English summ. WR 182
[Oberer Triftweg 31A 3380 Goslar, West Germany]

81-006684 Zatloukal, Hanni and Alfred Zatloukal. HILFELEISTUNG EINES HAUSSPERLINGS, *PASSER DOMESTICUS*, GEGENÜBER EINEM ARTGENOSSEN. [ALTRUISM IN A HOUSE SPARROW *PASSER DOMESTICUS.*] *Beitr. Vogelkd.* 26(1):64. 1980. In German. WR 182
[Gudvangerstraße 19, DDR-1071 Berlin, East Germany]

OTHER BIRDS

81-006685 Anderson, James O. and Gale Monson. BERYLLINE HUMMINGBIRDS NEST IN ARIZONA. *Continental Birdlife* 2(2):56-61. Apr. 1981. WR 182
[P.O. Box 5702, Bend, OR 97701] *Amazilia beryllina.*

81-006686 Arlettaz, Raphaël. UNE NUIT À L'ÉCOUTE DE L'ENGOULEVENT, *CAPRIMULGUS EUROPAEUS.* [A NIGHT OF LISTENING TO THE NIGHTJAR *CAPRIMULGUS EUROPAEUS.*] *Nos Oiseaux* 36(1):34-35. Mar. 1981. In French. WR 182
[CH-1926 Bransom-Fully, Switzerland]

81-006687 Atkinson, I. A. E. and R. M. Greenwood. DIVARICATING PLANTS AND MOA BROWSING: A REPLY. *N.Z. J. Ecol.* 3:165-167. 1980. WR 182
[Botany Div., DSIR, New Zealand] *Dinornis* spp.

81-006688 Bertin, Robert Ian. THE REPRODUCTIVE BIOLOGIES OF SOME HUMMINGBIRD-POLLINATED PLANTS. *Ph.D. dissertation, Univ. Ill. (Urbana-Champaign)* 213p. 1980. From Diss. Abstr. Int. B Sci. Eng.

OTHER BIRDS (CONTINUED)

81-006688 CONTINUED 41(11):3994. May 1981. WR 182
Archilochus colubris.

81-006689 Bertram, B. C. R. and A. E. Burger. ASPECTS OF INCUBATION IN OSTRICHES. *Ostrich* 52(1):36-43. Mar. 1981. WR 182
[Res. Cent., King's College, Cambridge, England] *Struthio camelus* in Kenya.

81-006690 Bertram, Brian C. R. and Alan E. Burger. ARE OSTRICH *STRUTHIO CAMELUS* EGGS THE WRONG COLOUR? *Ibis* 123(2):207-210. Apr. 1981. WR 182
[Curator of Mammals Zool. Soc. London, Regent's Park, London MW1 4RY, England]

81-006691 Brown, James H.; Astrid Kodric-Brown; Thomas G. Whitham and Hedley W. Bond. COMPETITION BETWEEN HUMMINGBIRDS AND INSECTS FOR THE NECTAR OF TWO SPECIES OF SHRUBS. *Southwest. Nat.* 26(2):133-145. 21 May 1981. WR 182
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721]

81-006692 Bucher, Theresa L. OXYGEN CONSUMPTION, VENTILATION AND RESPIRATORY HEAT LOSS IN A PARROT, *BOLBORHYNCHUS LINEOLA*, IN RELATION TO AMBIENT TEMPERATURE. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 142(4):479-488. 11 May 1981. WR 182
[Dep. Biol., Univ. Calif., Los Angeles 90024]

81-006693 Burr, Elisha W. INTRANASAL CASEOUS FIBRINOUS PLUG CAUSING UPPER RESPIRATORY DISTRESS IN TWO AFRICAN GREY PARROTS (*PSITTACUS ERITHACUS*). *Avian Dis.* 25(2):542-544. Apr.-June. 1981. WR 182
[Fac. Veterinary Sci., Univ. Pretoria, P.O. Box 12956, Onderstepoort 0110, South Africa]

81-006694 Burrows, C. J. SOME EMPIRICAL INFORMATION CONCERNING THE DIET OF MOAS. *N.Z. J. Ecol.* 3:125-130. 1980. WR 182
[Botany Dep., Univ. Canterbury, Christchurch, New Zealand] *Dinornis* spp.

81-006695 Cadbury, C. J. NIGHTJAR CENSUS METHODS. *Bird Study* 28(1):1-4. Mar. 1981. WR 182
[Royal Soc. Protection of Birds, The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Caprimulgus europaeus.*

81-006696 Clark, W. C. NEMATODE PARASITES OF THE SHINING CUCKOO *CHRYSOCOCCYX LUCIDUS LUCIDUS* (AVES: CUCULIFORMES), IN NEW ZEALAND. *N.Z. J. Zool.* 8(1):1-4. 1981. WR 182
[Dep. Zool., Univ. Canterbury, Christchurch 1, New Zealand]

81-006697 Connor, Richard N. SEASONAL CHANGES IN WOODPECKER FORAGING METHODS: STRATEGIES FOR WINTER SURVIVAL. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)*

OTHER BIRDS (CONTINUED)

81-006697 CONTINUED p. 95-105. 1979. From Ecol. Abstr. 1980/5:30L/6813. 1980. WR 182
Picoides pubescens, P. villosus and *Dryocopus pileatus* in Virginia.

81-006698 Da Prato, S. R. D. STATUS OF RING-NECKED PARAKEET IN SCOTLAND. *Scott. Birds* 11(6):201. 1981. WR 182
Psittacula krameri.

81-006699 Delap, Ella. GROOVE-BILLED ANI IN WASHINGTON COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 12(4):32-33. Dec. 1979. WR 182
[409 N. Wyandotte, Dewey, OK 74029] *Crotophaga sulcirostris.*

81-006700 Duncan, Robert A. and Lucy Duncan. A LESSER NIGHTHAWK IN NORTHWESTERN FLORIDA. *Fla. Field Nat.* 9(2):33. May 1981. WR 182
[614 Fairpoint Dr., Gulf Breeze, FL 32561] *Chordeiles acutipennis.*

81-006701 Ewald, Paul W. and Sievert Rohwer. AGE, COLORATION AND DOMINANCE IN NONBREEDING HUMMINGBIRDS: A TEST OF THE ASYMMETRY HYPOTHESIS. *Behav. Ecol. Sociobiol.* 7(4):273-279. 1980. WR 182
[Dep. Zool. & Wash. State Mus., Univ. Wash., Seattle 98195] *Calypte anna* and *Archilochus alexandri.*

81-006702 Géroudet, Paul. LA PERRUCHE À COLLIER, UN SOUCI NOUVEAU? [THE ROSE-RINGED PARAKEET, A NEW PROBLEM?] *Nos Oiseaux* 36(1):37. Mar. 1981. In French. WR 182
[37 Ave. de Champel, CH-1206 Geneva, Switzerland] *Psittacula krameri.*

81-006703 Gates, Doris. LEWIS' WOODPECKERS IN WESTERN NEBRASKA. *Nebr. Bird Rev.* 49(2):33-34. June 1981. WR 182
[Rt. 1, Box 25, Chadron, NE 69337] *Asyndesmus lewis.*

81-006704 Gill, Brian J. FOODS OF THE SHINING CUCKOO (*CHRYSOCOCCYX LUCIDUS*, AVES: CUCULIDAE) IN NEW ZEALAND. *N.Z. J. Ecol.* 3:138-140. 1980. WR 182
[5 Kotare Pl., Levin, New Zealand]

81-006705 Graves, Gary R. A NEW SUBSPECIES OF COPPERY METALTAIL (*METALLURA THERESIAE*) FROM NORTHERN PERU. *Auk* 98(2):382. Apr. 1981. WR 182
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306] *Metallura theresiae parkeri.*

81-006706 Hamas, Michael J. THERMOREGULATORY DEVELOPMENT IN THE BELTED KINGFISHER. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):149-152. 1981. WR 182
[Dep. Biol., Central Mich. Univ., Mt. Pleasant 48859] *Megaceryle alcyon.*

81-006707 Hegner, Robert Ernest. TERRITORIALITY, FORAGING BEHAVIOR, AND BREEDING ENERGETICS OF THE WHITE FRONTED BEE-EATER (*MEROPS BULLOCKOIDES*) IN KENYA. *Ph.D. dissertation, Cornell Univ.* 342p. 1981. From Diss. Abstr. Int. B. Sci. 41(12, Part 1):4415. June 1981. WR 182

OTHER BIRDS (CONTINUED)

81-006708 Hooper, Robert G. and Michael R. Lennartz. FORAGING BEHAVIOR OF THE RED-COCKADED WOODPECKER IN SOUTH CAROLINA. *Auk* 98(2):321-334. Apr. 1981. WR 182
[Southeastern Forest Exp. Stn., Clemson Univ., Clemson, SC 29631] *Picoides borealis.*

81-006709 Inouye, Richard S.; Nancy J. Huntly and David W. Inouye. NON-RANDOM ORIENTATION OF GILA WOODPECKER NEST ENTRANCES IN SAGUARO CACTI. *Condor* 83(1):88-89. Feb. 1981. WR 182
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Melanerpes uropygialis.*

81-006710 Kabus, André. ZU "NIEDRIGER NESTSTAND BEIM BUNTSPECHT (*DENDROCOPOS MAJOR*)". [ON "A LOWER NEST SITE OF A GREAT SPOTTED WOODPECKER *DENDROCOPOS MAJOR*."] *Beitr. Vogelkd.* 26(6):358. 1980. In German. WR 182
[Nr. 4, DDR-3271 Friedensau, East Germany] Similar observations to those reported by Pannach in Beitr. Vogelkd. 26:57. 1980.

81-006711 Klapste, Jaroslav. RAINBOW BEE-EATER: PLAYFUL BEHAVIOUR, AND OTHER OBSERVATIONS. *Aust. Bird Watcher* 8(8):252-253. Dec. 1980. WR 182
Merops ornatus in Australia.

81-006712 Koenig, Walter D. SPACE COMPETITION IN THE ACORN WOODPECKER: POWER STRUGGLES IN A COOPERATIVE BREEDER. *Anim. Behav.* 29(2):396-409. May 1981. WR 182
[Mus. Vertebr. Zool., Univ. Calif., Star Rt. Box 80, Carmel Valley 93924] *Melanerpes formicivorus* in California.

81-006713 Kok, O. B. VOEDSELINNAME VAN VOLSTRUISE IN DIE NAMIB-NAUKLUFTPARK, SUIDWES-AFRIKA. [FOOD CONSUMPTION OF THE OSTRICH IN THE NAMIB-NAUKLUFT PARK, SOUTH WEST AFRICA.] *Madoqua* 12(3):155-161. 1980. In Afrikaans with English summ. WR 182
[Dep. Zool.-Entomol., UOVS, Posbus 339, Bloemfontein 9300, South Africa] *Struthio camelus.*

81-006714 Lowry, J. B. EVOLUTION OF DIVARICATING PLANTS IN NEW ZEALAND IN RELATION TO MOA BROWSING. *N.Z. J. Ecol.* 3:165. 1980. WR 182
[Cent. Anim. Res. & Devel., Bogar, Indonesia] *Dinornis* spp.

81-006715 Martindale, Steven Paul. FORAGING PATTERNS OF NESTING GILA WOODPECKERS. *Ph.D. dissertation, Univ. Ariz.* 74p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3676. Apr. 1981. WR 182
Melanerpes uropygialis.

81-006716 McClelland, B. Riley. THE PILEATED WOODPECKER IN FORESTS OF THE NORTHERN ROCKY MOUNTAINS. *In The Role of Insectivorous Birds in Forest Ecosystems, J. G. Dickson and others, editors. (Academic Press)* p. 283-299. 1979. From Ecol. Abstr. 1980/5:80L/6814. 1980. WR 182
Dryocopus pileatus in Montana.

OTHER BIRDS (CONTINUED)

81-006717 Meyer, Heinz. ZUR WINTERNAHRUNG DES KLEINSPECHTES (*DENDROCOPOS MINOR*). [ON THE WINTER-FEEDING OF THE LESSER-SPOTTED WOODPECKER *DENDROCOPOS MINOR.*] *Beitr. Vogelkd.* 26(5):303. 1980. In German. WR 182
[Forstraße 2, DDR-8060 Dresden, East Germany]

81-006718 Moore, Terry S. WINTER RECORD FOR RUBY-THROATED HUMMINGBIRD IN COBB COUNTY. *Oriole* 44(4):90-91. Dec. 1979. WR 182
[2699 Twiggs Circle, Marietta, GA 30067]

81-006719 Moyer, David. SCAVENGING PIED KINGFISHERS. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 5. Jan.-Feb. 1981. WR 182
[P.O. Box 77, Mbala, Zambia] *Ceryle rudis* in Tanzania.

81-006720 Oren, David C. and Edwin O. Willis. NEW BRAZILIAN RECORDS FOR THE GOLDEN PARAKEET (*ARATINGA GUAROUBA*). *Auk* 98(2):394-396. Apr. 1981. WR 182
[Inst. Nacl. Pesquisas Amazônia, Caixa Postal 478, 69.000 Manaus, Amazonas, Brazil]

81-006721 Pannach, Dieter. NIEDRIGER NESTSTAND BEIM BUNTSPECHT (*DENDROCOPOS MAJOR*). [LOW NEST SITE OF GREAT-SPOTTED WOODPECKER *DENDROCOPOS MAJOR.*] *Beitr. Vogelkd.* 26(1):57. 1980. In German. WR 182
[Diesterwegstraße 18, DDR-7581 Boxberg, East Germay]

81-006722 Pepperberg, Irene M. FUNCTIONAL VOCALIZATIONS BY AN AFRICAN GREY PARROT (*PSITTACUS ERITHACUS*). *Z. Tierpsychol.* 55(2):139-160. 1981. In English with German summ. WR 182
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907]

81-006723 Pomeroy, D. E. and B. Tengecho. PROBABLE BREEDING OF TRUMPETER HORNBILLS IN TSAVO WEST NATIONAL PARK. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 91. Nov.-Dec. 1980. WR 182
[Dep. Zool., Kenyatta Univ. Coll., P.O. Box 43844, Nairobi, Kenya] *Bycanistes bucinator* in Kenya.

81-006724 Robertson, David G. FIRST RECORD OF THE HOUSE SWIFT *APUS AFFINIS* (APODIDAE) IN AUSTRALIA. *Aust. Bird Watcher* 8(8):239-242. Dec. 1980. WR 182
[36 Jacka St., Macleod, Victoria 3085, Australia]

81-006725 Schmaltz, Jeffrey E. PAST AND PRESENT STATUS OF THE RED-COCKADED WOODPECKER ON THE DANIEL BOONE NATIONAL FOREST, KENTUCKY. *Ky. Warbler* 57(1):3-7. Feb. 1981. WR 182
[OCS, Naval Education & Training Cent., Newport, RI 02840] *Picoides borealis.*

81-006726 Serpell, James. DUETS, GREETINGS AND TRIUMPH CEREMONIES: ANALOGOUS DISPLAYS IN THE PARROT GENUS *TRICHOGLOSSUS*. *Z. Tierpsychol.* 55(3):268-283. 1981. In English with German summ. WR 182

OTHER BIRDS (CONTINUED)

81-006726 CONTINUED
[Subdep. Anim. Behav., Univ. Cambridge, Madingley, Cambridge CB3 8AA, England] Data for 7 different taxa.

81-006727 Stenberg, Ingvar. TREKK FRA GRONNSPETTENS HEKKEBIOLOGI. [ON THE BIOLOGY OF THE GREEN WOODPECKER.] *Vår Fuglefauna* 1(3/4):152-158. 1978. In Norwegian with English summ. WR 182
[N-6640 Kvanne, Norway] Breeding biology of *Picus viridis* in Norway.--Courtesy/Jon Swenson.

81-006728 Tucker, John J. HEAD-TWISTING BY KINGFISHERS. *Ostrich* 52(1):57. Mar. 1981. WR 182
[Ecol. Conserv. Unit, Dep. Bot. Microbiol., Univ. Coll. London, Gower St., London WC1E 6BT, England] *Ceryle*, *Alcedo*, *Halcyon*, and *Ispidina*.

81-006729 Wyndham, Edmund. MOULT OF BUDGERIGARS ***MELOPSITTACUS UNDULATUS***. *Ibis* 123(2):145-157. Apr. 1981. WR 182
[Dep. Ecosystem Manage., Univ. New England, Armidale, New South Wales 2351, Australia]

81-006730 Zahavi, Amotz. PARASITISM AND NEST PREDATION IN PARASITIC CUCKOOS. *Am. Nat.* 113(1):157-159. Jan. 1979. WR 182
[Inst. Nat. Conserv. Res., Fac. Life Sci., Tel-Aviv Univ., Tel-Aviv, Israel]

81-006731 Zammuto, Richard M. and Edwin C. Franks. ENVIRONMENTAL EFFECTS ON ROOSTING BEHAVIOR OF CHIMNEY SWIFTS. *Wilson Bull.* 93(1):77-84. Mar. 1981. WR 182
[Dep. Zool., Univ. Western Ontario, London, Ontario N6A 5B7, Canada] *Chaetura pelagica* in Illinois.

AMPHIBIANS AND REPTILES

81-006732 Auffenberg, Walter. THE HERPETOFAUNA OF KOMODO, WITH NOTES ON ADJACENT AREAS. *Bull. Fla. State Mus. Biol. Sci.* 25(2):39-156. 22 Sept. 1980. Available at $5.80 from Managing Editor, Bulletin, Fla. State Mus., Univ. Fla., Gainesville 32611. WR 182
[Fla. State Mus., Univ. Fla., Gainesville 32611]

81-006733 Ball, J. N. HYPOTHALAMIC CONTROL OF THE PARS DISTALIS IN FISHES, AMPHIBIANS, AND REPTILES. *Gen. Comp. Endocrinol.* 44(2):135-170. June 1981. WR 182
[Dep. Zool., Univ. Sheffield, Sheffield S10 2TN, England]

81-006734 Barbault, Robert; Jacques Castanet and Thierry Pilorge. APPLICATION DES TECHNIQUES SQUELETTOCHRONOLOGIQUES A L'ÉTUDE DÉMOGRAPHIQUE DES POPULATIONS D'AMPHIBIENS ET DE LÉZARDS. [ON THE USE OF SKELETOCHRONOLOGY IN DEMOGRAPHIC STUDIES OF AMPHIBIAN AND LIZARD POPULATIONS.] *Bull. Soc. Zool. Fr.* 105(2):347-354. 1980. In French with English summ. WR 182

AMPHIBIANS AND REPTILES (CONTINUED)

81-006734 CONTINUED
[Lab. Anat. Comp., Univ. Paris VII, 2 Place Jussieu, 75221 Paris Cedex 05, France]

81-006735 Bea, A. MÉTODO RÁPIDO DE PREPARACIÓN DE TESTÍCULO EN ANFIBIOS Y REPTILES. [A QUICK METHOD FOR TESTES PREPARATION IN AMPHIBIANS AND REPTILES.] *Publ. Dep. Zool. Univ. Barcelona* 4:69-70. 1979. In Spanish. WR 182
[Dep. Zool., Fac. Biol., Univ. Barcelona, Barcelona-7, Spain]

81-006736 Bourquin, O. and A. Channing. HERPETOFAUNA OF THE NATAL DRAKENSBERG: AN ANNOTATED CHECKLIST. *Lammergeyer* No. 30. p. 1-20. Oct. 1980. WR 182
[Natl. Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa]

81-006737 Chiodini, Rodrick J. and John P. Sundberg. SALMONELLOSIS IN REPTILES: A REVIEW. *Am. J. Epidemiol.* 113(5):494-499. May 1981. WR 182

81-006738 Elkan, E. and J. E. Cooper. SKIN BIOLOGY OF REPTILES AND AMPHIBIANS. *Proc. R. Soc. Edinb. Sect. B Biol. Sci.* 79(1/3):115-125. 1980. WR 182
[Dep. Histopathol., Mount Vernon Hospital, Northwood, Middlesex, England]

81-006739 Gibbons, J. Whitefield and Julian R. Harrison III. REPTILES AND AMPHIBIANS OF KIAWAH AND CAPERS ISLANDS, SOUTH CAROLINA. *Brimleyana* No. 5. p. 145-162. July 1981. WR 182
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

81-006740 Jones, Kenneth Bruce; Dan R. Abbas and Terry Bergstedt. HERPETOLOGICAL RECORDS FROM CENTRAL AND NORTHEASTERN ARIZONA. *Herpetol. Rev.* 12(1):16. Mar. 1981. WR 182
[Bur. Land Manage., 2929 West Clarendon Ave., Phoenix, AZ 85017]

81-006741 Karges, John P. TEXAS AMPHIBIANS AND REPTILES: SOME NEW DISTRIBUTIONAL RECORDS, PART III. *Herpetol. Rev.* 12(2):68-69. June 1981. WR 182
[Dep. Biol., Univ. Tex., Arlington 76019]

81-006742 Ludlow, Mark E. OBSERVATIONS ON *CROTALUS V. VIRIDIS* (RAFINESQUE) AND THE HERPETOFAUNA OF THE KEN-CARYL RANCH, JEFFERSON COUNTY, COLORADO. *Herpetol. Rev.* 12(2):50-52. June 1981. WR 182
[3908 Tonawanda Dr., Des Moines, IA 50312]

81-006743 MacIntyre, D. H. and R. V. Palermo. THE CURRENT STATUS OF THE AMPHIBIA IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 146-151. 1980. WR 182
[Zool. Dep., Univ. British Columbia, Vancouver, British Columbia, Canada]

AMPHIBIANS AND REPTILES (CONTINUED)

81-006744 McKinstry, Donald M. and Harry N. Cunningham, Jr. REPTILES AND AMPHIBIANS OF SELECTED LAKE ERIE STREAMS IN NORTHWESTERN PENNSYLVANIA. *Bull. Md. Herpetol. Soc.* 16(3):88-93. Sept. 1980. WR 182
[Dep. Biol., Behrend Coll., Pa. State Univ., Station Rd., Erie 16563] Three species of snakes, five species of frogs and toads, and six species of salamanders were observed. Data as to abundance and habitat are presented.--From abstr.

81-006745 Miller, Robert. DISTRIBUTIONAL RECORDS FOR MARYLAND HERPETOFAUNA. *Bull. Md. Herpetol. Soc.* 16(3):99-105. Sept. 1980. WR 182
[Mus. Zool., Towson State Univ., Towson, MD 21204]

81-006746 Nagatani, Yoshimi and Ikuo Yamaoka. [AMPHIBIA AND REPTILIA OF THE OZEGAWA BASIN.] *In The Yasaka Gorge: Landscape and Environment, H. Ishida and others, editors. (Joint Scientific Communitee for Research into the Yasaka Gorge Scenic Reserve, Dep. Geogr., Univ. Hiroshima)* p. 599-605. 1979. From Ecol. Abstr. 1980/6:80L/8210. 1980. In Japanese with English summ. WR 182

81-006747 Orchard, Stan A. THE STATUS OF REPTILES IN BRITISH COLUMBIA. *In Threatened and Endangered Species and Habitats in British Columbia and the Yukon, Richard Stace-Smith, Lois Johns and Paul Joslin, editors.* p. 152-159. 1980. WR 182
[2-2120 Ridge Rd., Victoria, British Columbia, Canada V8T 3E9]

81-006748 Reichenbach, Norman G. and George H. Dalrymple. HERPETOLOGICAL RECORDS FROM A RELICT PRAIRIE IN OHIO. *Herpetol. Rev.* 12(1):15. Mar. 1981. WR 182
[Dep. Zool., Ohio State Univ., Columbus 43210]

81-006749 Schlauch, Frederick C. NEW METHODOLOGIES FOR MEASURING SPECIES STATUS AND THEIR APPLICATION TO THE HERPETOFAUNA OF A SUBURBAN REGION. *Engelhardtia* 6(3-4):30-41. 1979. In Ecol. Abstr. 1980/5:80L/6709. 1980. WR 182

AMPHIBIANS

81-006750 Bailey, Winston J. and J. Dale Roberts. THE BIOACOUSTICS OF THE BURROWING FROG *HELEIOPORUS* (LEPTODACTYLIDAE). *J. Nat. Hist.* 15(4):693-702. July-Aug. 1981. WR 182
[Dep. Zool., Univ. Western Australia, Nedlands, Western Australia 6009, Australia]

81-006751 Baker, Steven C. TARICHATOXIN: A UNIQUE TOXIN ISOLATED FROM WESTERN AMERICAN NEWTS. *Bull. Md. Herpetol. Soc.* 16(3):109-112. Sept. 1980. WR 182
[5295 W. Plymouth Dr., Littleton, CO 80123]

81-006752 Balaffi, J. L. and I. P. Callard. *IN VIVO* REGULATION OF STEROIDOGENESIS BY OVINE GONADOTROPINS IN MALE AND FEMALE MUDPUPPIES, *NECTURUS MACULOSUS* RAFINESQUE. *Gen. Comp. Endocrinol.* 44(1):108-116.

AMPHIBIANS (CONTINUED)

81-006752 CONTINUED May 1981. WR 182
[Callard: Dep. Biol., Boston Univ., 2 Cummington St., Boston, MA 02215]

81-006753 Barnes, Maryann Dingledy. NEURONAL RESPONSE TO PERIPHERAL REMODELLING: ANALYSIS OF POPULATION STABILITY IN THE TRIGEMINAL MOTOR NUCLEUS DURING JAW METAMORPHOSIS IN *RANA PIPIENS*. *Ph.D. dissertation, Case Western Reserve Univ.* 107p. 1981. From Diss. Abstr. Int. B Sci. Eng. 41(11):3976. May 1981. WR 182

81-006754 Bhaduri, Jnanendra Lal. EXTENTION OF RANGE OF THE NARROW-MOUTH FROG, *UPERODON GLOBULOSUM* (GUNTHER) TO KAMRUP DISTRICT, ASSAM. *J. Bombay Nat. Hist. Soc.* 77(1):151-152. Apr. 1980. WR 182
[Zool. Surv. India, India Mus., Calcutta-700 016, India]

81-006755 Birnstein, V. J. [SPECIFIC DIFFERENTIAL STAINING PATTERNS OF CHROMOSOMES IN THE ANURA, SOME SPECIES OF THE GENERA *RANA* AND *BUFO* TAKEN AS AN EXAMPLE.] *Zool. Zh.* 60(2):246-256. Feb. 1981. In Russian with English summ. WR 182
[Interfaculty Lab. Molecular Biol., State Univ. Moscow, Moscow, USSR]

81-006756 Bosco, Luigi; Sergio Filoni and Silvana Paglioni. EXPERIMENTAL ANALYSIS OF THE LENS-FORMING COMPETENCE OF THE CORNEA, IRIS AND RETINA IN *XENOPUS LAEVIS* TADPOLES. *J. Exp. Zool.* 216(2):267-276. May 1981. WR 182
[Ist. Anat. Comp., Univ. Rome, 00161 Rome, Italy]

81-006757 Brandon, Ronald A. and James E. Huheey. TOXICITY IN THE PLETHODONTID SALAMANDERS *PSEUDOTRITON RUBER* AND *PSEUDOTRITON MONTANUS* (AMPHIBIA, CAUDATA). *Toxicon* 19(1):25-31. 1981. WR 182
[Dep. Zool., Southern Ill. Univ., Carbondale 62901]

81-006758 Brown, Arthur V. and Lloyd C. Fitzpatrick. THERMAL ACCLIMATION AND METABOLISM IN THE GRAY-BELLIED SALAMANDER, *EURYCEA MULTIPLICATA GRISEOGASTER* (PLETHODONTIDAE). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):505-509. 1981. WR 182
[Dep. Zool., Univ. Ark., Fayetteville 72701]

81-006759 Brown, Arthur V. and Lloyd C. Fitzpatrick. METABOLIC ACCLIMATION TO TEMPERATURE IN THE OZARK SALAMANDER *PLETHODON DORSALIS ANGUSTICLAVIUS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):499-503. 1981. WR 182
[Dep. Zool., Univ. Ark., Fayetteville 72701]

81-006760 Canziani, Gabriela A. and M. A. Cannata. WATER BALANCE IN *CERATOPHRYS ORNATA* FROM TWO DIFFERENT ENVIRONMENTS. *Comp. Biochem. Physiol., A Comp. Physiol.* 66(4):599-603. 1980. WR 182
[Cent. Nac. Invest. Iológicas & Inst. Neurobiol., Serrano 661, 1414 Buenos Aires, Argentina]

AMPHIBIANS (CONTINUED)

81-006761 Carlson, John T. and Mark S. Ellinger. THE REPRODUCTIVE BIOLOGY OF *BOMBINA ORIENTALIS*, WITH NOTES ON CARE. *Herpetol. Rev.* 11(1):11-12. Mar. 1980. WR 182
[Dep. Zool., Univ. Minn., Minneapolis 55455]

81-006762 Christensen, Bruce M. A TAXONOMIC REVIEW OF THE GENUS *LOXOGENOIDES* (DIGENEA: LECITHODENDRIIDAE) WITH A DESCRIPTION OF *LOXOGENOIDES LOBORCHIS* SP. N. FROM *RANA CATESBEIANA* SHAW IN WESTERN KENTUCKY. *Proc. Helminthol. Soc. Wash.* 48(1):65-70. Jan. 1981. WR 182
[Dep. Biol. Sci., Murray State Univ., Murray, KY 42071]

81-006763 Cirne, Bario R.; Henrique A. Reis and José Eduardo N. Silveira. SKIN WATER UPTAKE AND RENAL FUNCTION IN THE TOAD. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(2):219-224. 1981. WR 182
[Dep. Physiol., IBBMA, UNESP 18600, Botucatu SP, Brazil] *Bufo marinus ictericus.*

81-006764 Collins, Joseph T. *CRYPTOBRANCHUS ALLEGANIENSIS* (HELLBENDER) LONGEVITY. *Herpetol. Rev.* 12(2):69. June 1981. WR 182
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

81-006765 Comer, Christopher and Paul Grobstein. INVOLVEMENT OF MIDBRAIN STRUCTURES IN TACTUALLY AND VISUALLY ELICITED PREY ACQUISITION BEHAVIOR IN THE FROG, *RANA PIPIENS*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 142(2):151-160. 1 Apr. 1981. WR 182
[Langmuir Lab., Cornell Univ., Ithaca, NY 14850]

81-006766 Comer, Christopher and Paul Grobstein. TACTUALLY ELICITED PREY ACQUISITION BEHAVIOR IN THE FROG, *RANA PIPIENS*, AND A COMPARISON WITH VISUALLY ELICITED BEHAVIOR. *J. Comp. Physiol. A Sens. Neural. Behav. Physiol.* 142(2):141-150. 1 Apr. 1981. WR 182
[Langmuir Lab., Cornell Univ., Ithaca, NY 14850]

81-006767 Comer, Christopher and Paul Grobstein. ORGANIZATION OF SENSORY INPUTS TO THE MIDBRAIN OF THE FROG, *RANA PIPIENS*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 142(2):161-168. 1 Apr. 1981. WR 182
[Langmuir Lab., Cornell Univ., Ithaca, NY 14850]

81-006768 Crump, Martha L. ENERGY ACCUMULATION AND AMPHIBIAN METAMORPHOSIS. *Oecologia (Berl.)* 49(2):167-169. May 1981. WR 182
[Dep. Zool., Univ. Fla., Gainesville 32611] *Hyla crucifer.*

81-006769 Diederen, J. H. B. and H. G. B. Vullings. A COMPARATIVE STUDY ON THE SECRETORY ACTIVITY OF THE SUBCOMMISSURAL ORGAN IN THE EUROPEAN GREEN FROGS: *RANA ESCULENTA*, *RANA LESSONAE* AND *RANA RIDIBUNDA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):593-597. 1980. WR 182
[Sect. Histol. & Cell Biol., Zool. Lab., State Univ. Utrecht, Padualaan 8, 3508 TB Utrecht, Netherlands]

81-006770 Dinsmore, Charles E. REGULATIVE ABILITY OF THE REGENERATING URODELE TAIL: THE EFFECT OF UNILATERAL SOFT TISSUE ABLATION. *Dev. Biol.* 82(1):186-191. Feb. 1981. WR 182

AMPHIBIANS (CONTINUED)

81-006770 CONTINUED
[Dep. Anat., Coll. Health Sci., Rush Univ., Chicago, IL 60612] *Plethodon cinereus.*

81-006771 Dixon, K. E. THE ORIGIN OF THE PRIMORDIAL GERM CELLS IN THE AMPHIBIA. *Neth. J. Zool.* 31(1):5-37. Mar. 1981. WR 182
[School Biol., Flinders Univ. South Australia, Bedford Park 5042, South Australia, Australia] *Xenopus laevis.*

81-006772 Doerr-Schott, Jeannine; Maurice P. Dubois and Christine Lichte. IMMUNOHISTOCHEMICAL LOCALISATION OF SUBSTANCES REACTIVE TO ANTISERA AGAINST α- AND β-ENDORPHIN AND MET-ENKEPHALIN IN THE BRAIN OF *RANA TEMPORARIA* L. *Cell Tissue Res.* 217(1):79-92. May 1981. WR 182
[Lab. Cytol. Anim., 12 rue del'Université, 67000 Strasbourg, France]

81-006773 Doherty, M. J. and M. A. Q. Khan. HEPATIC MICROSOMAL MIXED-FUNCTION OXIDASE IN THE FROG, *XENOPUS LAEVIS. Comp. Biochem. Physiol. C Comp. Pharmacol.* 68(2):221-228. 1981. WR 182
[Dep. Biol. Sci., Univ. Ill., Box 4348, Chicago 60680]

81-006774 Dole, Jim W.; Betty B. Rose and Ken H. Tachiki. WESTERN TOADS (*BUFO BOREAS*) LEARN ODOR OF PREY INSECTS. *Herpetologica* 37(1):63-68. Mar. 1981. WR 182
[Dep. Biol., Calif. State Univ., Northridge 91330]

81-006775 Donavan, Lois Ann. MORPHOLOGICAL FEATURES OF THE STAGES IN THE DEVELOPMENT OF *AMBYSTOMA TALPOIDEUM* (HOLBROOK) FROM THE FERTILIZED EGG TO THE ADULT. *Ph.D. dissertation, Univ. Southern Miss.* 191p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):4031. May 1981. WR 182

81-006776 Exbrayat, Jean-Marie; Michel Delsol and Janine Flatin. PREMIÈRES REMARQUES SUR LA GESTATION CHEZ *TYPHLONECTES COMPRESSICAUDUS* (DUMÉRIL ET BIBRON, 184_) AMPHIBIEN APODE VIVIPARE. [PRELIMINARY REMARKS ON GESTATION IN *TYPHLONECTES COMPRESSICAUDUS* (DUMÉRIL ET BIBRON, 1841) VIVIPAROUS APODA AMPHIBIAN.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 292(5):417-420. 2 Feb. 1981. In French with English summ. WR 182
[Lab. Etude Dev. Postembryonnaire Vertébrés Inférieurs, École Pratique Hautes Études, 25 rue du Plat, Lyon Cedex 1, France]

81-006777 Fairchild, Lincoln. MATE SELECTION AND BEHAVIORAL THERMOREGULATION IN FOWLER'S TOADS. *Science* 212(4497):950-951. 22 May 1981. WR 182
[Dep. Zool., Ohio State Univ., Columbus 43210] *Bufo woodhousei fowleri.*

81-006778 Fasolo, Aldo and Giovanni Gaudino. SOMATOSTATIN IMMUNOREACTIVE NEURONS AND FIBERS IN THE HYPOTHALAMUS OF THE NEWT. *Gen. Comp. Endocrinol.* 44(2):202-206. June 1981. WR 182
[Ist. Anat. Comp., Via Giolitti 34, 10123 Torino, Italy] *Triturus cristatus carnifex.*

AMPHIBIANS (CONTINUED)

81-006779 Forman, Lloyd J. and John J. Just. CELLULAR QUANTITATION OF HEMOGLOBIN TRANSITION DURING NATUAL AND THYROID-HORMONE-INDUCED METAMORPHOSIS OF THE BULLFROG, *RANA CATESBEIANA*. *Gen. Comp. Endocrinol.* 44(1):1-12. May 1981. WR 182
[Dep. Physiol., Mich. State Univ., East Lansing 48824]

81-006780 Francillon, Hélène. MISE EN ÉVIDENCE EXPÉRIMENTALE DU CARACTÈRE ANNUEL DES LIGNES D'ARRÊT DE CROISSANCE (LAC) CHEZ LE TRITON CRÊTÉ, *TRITURUS CRISTATUS* (LAUR.). [EXPERIMENTAL EVIDENCE OF THE EARLY DEPOSITION OF REST LINES (LAC) IN THE CRESTED NEWT, *TRITURUS CRISTATUS* (LAUR.), (AMPHIBIA, URODELA, SALAMANDRIDAE).] *Bull. Soc. Zool. Fr.* 105(2):343-347. 1980. In French with English summ. WR 182
[Lab. Anat. Comp., 2 Place Jussieu, 75005 Paris, France]

81-006781 Goñi, F. M.; A. Prado and J. C. G. Milicua. INFLUENCE OF SHORT-TERM THERMAL ACCLIMATION ON THE LIPID COMPOSITION OF TOAD LUNGS AND ALVEOLAR WASH. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(1):9-13. 1981. WR 182
[Dep. Bioquím, Fac. Ciencias, Apartado 644, Bilbao, Spain] *Bufo calamytes* and *Alytes obstetricans*.

81-006782 Garavini, Carla. NONSPECIFIC ACID-ESTERASE ACTIVITY IN LYMPHOID CELLS OF *BUFO BUFO*. *Experientia (Basel)* 37(5):516-517. 15 May 1981. WR 182
[Ist. Anat. Comp., Via Belmeloro 8, I-40126 Bologna, Italy]

81-006783 Gittins, S. P.; A. G. Parker and F. M. Slater. MATE ASSORTMENT IN THE COMMON TOAD (*BUFO BUFO*). *J. Nat. Hist.* 14(5):663-668. Sept.-Oct. 1980. WR 182
[Dep. Appl. Biol., U.W.I.S.T., Llysdinam Field Centre, Newbridge-on-Wye, Powys, Wales]

81-006784 Goniakowska-Witalińska, Lucyna. NEUROEPITHELIAL BODIES IN THE LUNG OF THE TREE FROG, *HYLA ARBOREA* L. A SCANNING AND ELECTRON MICROSCOPIC STUDY. *Cell Tissue Res.* 217(2):435-441. May 1981. WR 182
[Dep. Anat., Karasia 6, 30-060 Kraków, Poland]

81-006785 Greven, Hartmut. ULTRAHISTOCHEMICAL AND AUTORADIOGRAPHIC EVIDENCE FOR EPITHELIAL TRANSPORT IN THE UTERUS OF THE OVOVIVIPAROUS SALAMANDER, *SALAMANDRA SALAMANDRA* (L.) (AMPHIBIA, URODELA). *Cell Tissue Res.* 212(1):147-162. Nov. 1980. In English with German summ. WR 182
[Zool. Inst., Univ. Münster, D-4400 Münster, West Germany]

81-006786 Greven, Hartmut and Horst Robenek. INTERCELLULAR JUNCTIONS IN THE UTERINE EPITHELIUM OF *SALAMANDRA SALAMANDRA* (L.) (AMPHIBIA, URODELA). *Cell Tissue Res.* 212(1):163-172. Nov. 1980. In English with German summ. WR 182
[Zool. Inst., Univ. Münster, D-4400 Münster, West Germany]

81-006787 Hairston, Nelson G. AN EXPERIMENTAL TEST OF A GUILD: SALAMANDER COMPETITION. *Ecology* 62(1):65-72. Feb. 1981. WR 182
[Dep. Zool., Univ. N.C., Chapel Hill 27514]

AMPHIBIANS (CONTINUED)

81-006788 Han Hwa Kim; Yong Tai Noh; Young Wha Chung and Young Duk Chi. [ULTRASTRUCTURE OF THE CUTANEOUS GLAND IN THE ASIATIC LAND SALAMANDER, *HYNOBIUS LEECHI*. 1. MUCOUS GLAND.] *Kor. J. Zool.* 23(2):77-88. 1980. From Kor. Sci. Abstr. 13(1):13. Feb. 1981. In Korean. WR 182

81-006789 Hansen, George Nørgaard and Bente Langvad Hansen. COMPARATIVE IMMUNOCYTOCHEMICAL LOCALIZATION OF PROLACTIN AND SOMATOTROPIN IN THE PITUITARIES OF *LEPIDOSIREN PARADOXA*, *RANA TEMPORARIA* AND *AMBYSTOMA MEXICANUM*. *Cell Tissue Res.* 217(1):127-141. May 1981. WR 182
[Inst. Comp. Anat., Copenhagen Ø, Denmark]

81-006790 Hedberg, Thomas G. A POSSIBLE STRESS-WARNING MARKER IN AMBYSTOMATID SALAMANDERS. *J. Exp. Zool.* 216(3):349-355. June 1981. WR 182
[Dep. Physiol. & Biophysics, 524 Burrill Hall, Univ. Ill., Urbana 61801] *Ambystoma tigrinum*.

81-006791 Hillman, Stanley S. and Philip C. Withers. AEROBIC CONTRIBUTIONS TO SUSTAINED ACTIVITY METABOLISM IN *XENOPUS LAEVIS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):605-606. 1981. WR 182
[Dep. Biol., Portland State Univ., Portland, OR 97207]

81-006792 Hinko, Alexander. PHYSIOLOGICAL AND BIOCHEMICAL COMPENSATION TO TEMPERATURE AND NUTRITION IN RED SPOTTED NEWTS, *NOTOPHTHALMUS VIRIDESCENS*. *Ph.D. dissertation, Ohio State Univ.* 116p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3708. Apr. 1981. WR 182

81-006793 Hird, D. W.; S. L. Diesch; R. G. McKinnell; E. Gorham; F. B. Martin; S. W. Kurtz and C. Dubrovolny. *AEROMONAS HYDROPHILA* IN WILD-CAUGHT FROGS AND TADPOLES (*RANA PIPIENS*) IN MINNESOTA. *Lab. Anim. Sci.* 31(2):166-169. Apr. 1981. WR 182
[Diesch: Dep. Large Anim. Clin. Sci., Univ. Minn., St. Paul 55108]

81-006794 Jaeger, Robert G. and Jack P. Hailman. ACTIVITY OF NEOTROPICAL FROGS IN RELATION TO AMBIENT LIGHT. *Biotropica* 13(1):59-65. Mar. 1981. WR 182
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222] *Bufo marinus*, *B. typhonias*, *Leptodactylus pendactylus*, *Dendrobates auratus*, and *Physalaemus pustulosus*.

81-006795 Jay, Jeremy M. and William J. Pohley. *DERMOSPORIDIUN PENNERI* SP. N. FROM THE SKIN OF THE AMERICAN TOAD, *BUFO AMERICANUS* (AMPHIBIA: BUFONIDAE). *J. Parasitol.* 67(1):108-110. Feb. 1981. WR 182
[Dep. Biol., Tex. A&M Univ., College Station 77843]

81-006796 Jokumsen, Alfred and Roy E. Weber. HAEMOGLOBIN-OXYGEN BINDING PROPERTIES IN THE BLOOD OF *XENOPUS LAEVIS*, WITH SPECIAL REFERENCE TO THE INFLUENCES OF AESTIVATION AND OF TEMPERATURE AND SALINITY ACCLIMATION. *J. Exp. Biol.* 86:19-37. 1980. WR 182
[Dep. Zoophysiol., Univ. Aarhus, DK-8000 Aarhus C, Denmark]

81-006797 Kaltenbach, Jane C.; Claire H. K. Wang and Marcia J. Lipson. HISTOCHEMICAL STUDY OF THE AMPHIBIAN DIGESTIVE TRACT DURING NORMAL AND THYROXINE-INDUCED METAMORPHOSIS. II. ACID PHOSPHATASE. *J. Exp. Zool.*

AMPHIBIANS (CONTINUED)

81-006797 CONTINUED 216(2):247-259. May 1981. WR 182
[Dep. Biol. Sci., Mount Holyoke Coll., South Hadley, MA 01075] *Rana pipiens.*

81-006798 Karplus, Ilan; Daniel Algom and David Samuel. ACQUISITION AND RETENTION OF DARK AVOIDANCE BY THE TOAD, *XENOPUS LAEVIS* (DAUDIN). *Anim. Learn. Behav.* 9(1):45-49. Feb. 1981. WR 182
[Dep. Isotope Res., Weizmann Inst. Sci., Rechovot, Israel]

81-006799 Kay, Brian Kenneth. THE STRUCTURE AND FUNCTION OF THE 5S RNA GENES IN *NOTOPHTHALMUS VIRIDESCENS. Ph.D. dissertation, Yale Univ.* 214p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4355. June 1981. WR 182

81-006800 Keller, R. E. AN EXPERIMENTAL ANALYSIS OF THE ROLE OF BOTTLE CELLS AND THE DEEP MARGINAL ZONE IN GASTRULATION OF *XENOPUS LAEVIS. J. Exp. Zool.* 216(1):81-101. Apr. 1981. WR 182
[Dep. Biol., Ind. Univ., Bloomington 47401]

81-006801 King, Judy A. and Robert P. Millar. TRH, GH-RIH, AND LH-RH IN METAMORPHOSING *XENOPUS LAEVIS. Gen. Comp. Endocrinol.* 44(1):20-27. May 1981. WR 182
[Dep. Chem. Pathol., Univ. Cape Town Med. School, Cape Town, South Africa]

81-006802 Kirschner, M. W.; K. A. Butner; J. W. Newport; S. D. Black; S. R. Scharf and J. C. Gerhart. SPATIAL AND TEMPORAL CHANGES IN EARLY AMPHIBIAN DEVELOPMENT. *Neth. J. Zool.* 31(1):50-77. Mar. 1981. WR 182
[Dep. Biochem. & Biophysics, School Med., Univ. Calif., San Francisco] *Xenopus laevis.*

81-006803 Korf, H.-W.; R. Liesner; H. Meissl and A. Kirk. PINEAL COMPLEX OF THE CLAWED TOAD, *XENOPUS LAEVIS* DAUD.: STRUCTURE AND FUNCTION. *Cell Tissue Res.* 216(1):113-130. Mar. 1981. WR 182
[Inst. Anat. & Zytobiol., Aulweg 123, D-6300 Giessen, West Germany]

81-006804 Kraus, Fred, Jr. and Gordon W. Schuett. A WINTER SURFACE OBSERVATION OF A REDBACK SALAMANDER, *PLETHODON CINEREUS*, IN NORTHERN OHIO. *Herpetol. Rev.* 10(4):112. Dec. 1979. WR 182
[1022 Eleanor Ave., Toledo, OH 43612]

81-006805 Kullberg, R. W.; P. Brehm and J. H. Steinback. NONJUNCTIONAL ACETYLCHOLINE RECEPTOR CHANNEL OPEN TIME DECREASES DURING DEVELOPMENT OF *XENOPUS* MUSCLE. *Nature* 289(5796):411-413. 29 Jan. 1981. WR 182
[Biol. Dep., Univ. Alaska, Anchorage 99504] *Xenopus laevis.*

81-006806 Larras-Regard, Elaine; Alvin Taurog and Martha Dorris. PLASMA T_4 AND T_3 LEVELS IN *AMBYSTOMA TIGRINUM* AT VARIOUS STAGES OF METAMORPHOSIS. *Gen. Comp. Endocrinol.* 43(4):443-450. Apr. 1981. WR 182
[Taurog: Dep. Pharmacol., Univ. Tex. Health Sci. Cent., Dallas 75235]

81-006807 Lawerence, W. R. POPULATION ESTIMATE OF A NEW JERSEY POPULATION OF *HYLA C. CRUCIFER*, THE SPRING PEEPER. *Proc. La. Acad. Sci.* 43:183. 1980. Abstract only. WR 182
[Dillard Univ., New Orleans, LA]

AMPHIBIANS (CONTINUED)

81-006808 Loveridge, J. P. and P. C. Withers. METABOLISM AND WATER BALANCE OF ACTIVE AND COCOONED AFRICAN BULLFROGS *PYXICEPHALUS ADSPERSUS*. *Physiol. Zool.* 54(2):203-214. Apr. 1981. WR 182
[Dep. Zool., Univ. Zimbabwe, Box MP 167, Mt. Pleasant, Salisbury, Zimbabwe]

81-006809 Lyapkov, S. M. and A. S. Severtzov. [THE MECHANISM OF COEXISTENCE OF TWO SPECIES OF THE FAR EAST ANURA.] *Zool. Zh.* 60(3):398-409. Mar. 1981. In Russian with English summ. WR 182
[Biol. Fac., State Univ. Moscow, Moscow, USSR] *Hyla japonica* and *Bombina orientalis*.

81-006810 Malacinski, G. M. and B. Woo Youn. THE DYNAMICS OF EARLY PATTERN FORMATION IN AMPHIBIAN EMBRYOGENESIS. USE OF ULTRAVIOLET IRRADIATION AS A PROBE. *Neth. J. Zool.* 31(1):38-49. Mar. 1981. WR 182
[Dep. Biol., Ind. Univ., Bloomington] *Xenopus laevis*.

81-006811 Mason, J. Russell and David A. Stevens. DISCRIMINATION AND GENERALIZATION AMONG REAGENT GRADE ODORANTS BY TIGER SALAMANDERS (*AMBYSTOMA TIGRINUM*). *Physiol. Behav.* 26(4):647-653. Apr. 1981. WR 182
[Monell Chem. Senses Cent., 3500 Market St., Philadelphia, PA 19104]

81-006812 Maughan, O. Eugene; Philip Laumeyer; Richard L. Wallace and M. Gary Wickham. DISTRIBUTION OF THE TAILED FROG, *ASCAPHUS TRUEI* STEJNEGER, IN SEVERAL DRAINAGES IN NORTHCENTRAL IDAHO. *Herpetol. Rev.* 11(1):15-16. Mar. 1980. WR 182
[Okla. Coop. Fishery Res. Unit, Okla. State Univ., Stillwater 74074]

81-006813 Maxson, Linda R. ALBUMIN EVOLUTION AND ITS PHYLOGENETIC IMPLICATIONS IN AFRICAN TOADS OF THE GENUS *BUFO*. *Herpetologica* 37(2):96-104. June 1981. WR 182
[Dep. Genetics & Dev., Univ. Ill., Urbana 61801] Data for 18 spp.

81-006814 Maxson, Linda R. and David B. Wake. ALBUMIN EVOLUTION AND ITS PHYLOGENETIC IMPLICATIONS IN THE PLETHODONTID SALAMANDER GENERA *PSEUDOEURYCEA* AND *CHIROPTEROTRITON*. *Herpetologica* 37(2):109-117. June 1981. WR 182
[Dep. Genetics & Dev., Univ. Ill., Urbana 61801]

81-006815 May, Felicity E. B.; Bruce R. Westley and John Knowland. VITELLOGENIN SYNTHESIS AND CHARACTERISATION OF THE LIVER ESTROGEN RECEPTOR IN THE NEOTENOUS SALAMANDER *AMBYSTOMA MEXICANUM*. *Dev. Biol.* 82(2):350-357. Mar. 1981. WR 182
[Zool. Inst., Univ. Bern, Sahlistraße, CH-3012 Bern, Switzerland]

81-006816 May, Felicity E. B. and John Knowland. PATTERNS OF PROTEIN SYNTHESIS IN LIVERS OF *XENOPUS LAEVIS* DURING METAMORPHOSIS: EFFECTS OF ESTROGEN IN NORMAL AND THYROSTATIC ANIMALS. *Dev. Biol.* 82(1):158-167. Feb. 1981. WR 182
[Zool. Inst., Univ. Bern, Sahlistrasse 8, Bern, CH-3012 Switzerland]

AMPHIBIANS (CONTINUED)

81-006817 Mild, Kjell Hansson and Søren Løvtrup. A NOTE ON THE CELL WATER DENSITY IN AMPHIBIAN EGGS. *J. Exp. Biol.* 91:361-362. Apr. 1981. WR 182
[Natl. Board Occupational Safety & Health, Dep. Occupational Health, S-901 85 Umeå, Sweden]

81-006818 Miller, Kirk and James J. Camilliere. PHYSICAL TRAINING IMPROVES SWIMMING PERFORMANCE OF THE AFRICAN CLAWED FROG *XENOPUS LAEVIS*. *Herpetologica* 37(1):1-10. Mar. 1981. WR 182
[Dep. Biol., Franklin & Marshall Coll., P.O. Box 3003, Lancaster, PA 17604]

81-006819 Montori, Albert and Xavier Pascual. NOTA SOBRE LA DISTRIBUCIÓN DE *EUPROCTUS ASPER* (DUGÈS, 1852) EN CATALUÑA: I. PRIMERA LOCALIDAD PARA EL MACIZO DEL MONTSENY. [A NOTE ON THE DISTRIBUTION OF *EUPROCTUS ASPER* (DUGÈS, 1852) IN CATALUÑA: I. FIRST LOCATION FOR MONTSENY (SPAIN).] *Publ. Dep. Zool. Univ. Barcelona* 6:85-88. 1981. In Spanish. WR 182
[Cátedra Zool., Fac. Biol., Univ. Barcelona, Barcelona-7, Spain]

81-006820 Morris, Judith L. STRUCTURE AND FUNCTION OF CILIATED PERITONEAL FUNNELS IN THE TOAD KIDNEY (*BUFO MARINUS*). *Cell Tissue Res.* 217(3):599-610. June 1981. WR 182
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia]

81-006821 Neck, Raymond W. PROBABLE NATIVE POPULATION OF BULLFROG, *RANA CATESBEIANA*, IN SOUTH TEXAS. *Herpetol. Soc.* 12(2):68. June 1981. WR 182
[Tex. Parks & Wildl. Dep., 4200 Smith School Rd., Austin 78744]

81-006822 Nelson, Craig E. WHAT DETERMINES THE SPECIES COMPOSITION OF LARVAL AMPHIBIAN POND COMMUNITIES IN SOUTH CENTRAL INDIANA? *Proc. Indiana Acad. Sci.* 89:149. 1980. Abstract only. WR 182
[Ind. Univ., Bloomington 47405] *Notopthalmus viridescens*, *Ambystoma opacum*, *Rana clamitans*, *R. catesbeiana* and *Hyla crucifer*.

81-006823 Norris, David O. and David Duvall. HORMONE-INDUCED OVULATION IN *AMBYSTOMA TIGRINUM*: INFLUENCE OF PROLACTIN AND THYROXINE. *J. Exp. Zool.* 216(1):175-180. Apr. 1981. WR 182
[DEPOB, Lab. Comp. Endocrinol., Univ. Colo., Boulder 80309]

81-006824 Olenick, Roberta J. and John H. Gee. TIGER SALAMANDERS (*AMBYSTOMA TIGRINUM*) AND STOCKED RAINBOW TROUT (*SALMO GAIRDNERI*): POTENTIAL COMPETITORS FOR FOOD IN MANITOBA PRAIRIE POTHOLE LAKES. *Can. Field-Nat.* 95(2):129-132. Apr.-June 1981. WR 182
[Inst. Anim. Resour. Ecol., Univ. British Columbia, Vancouver, British Columbia V6T 1W5, Canada]

81-006825 Putnam, Robert W. and Albert F. Bennett. THERMAL DEPENDENCE OF BEHAVIOURAL PERFORMANCE OF ANURAN AMPHIBIANS. *Anim. Behav.* 29(2):502-509. May 1981. WR 182
[Dep. Dev. & Cell Biol., School Biol. Sci., Univ. Calif., Irvine 92717] *Bufo boreas* and *Rana pipiens*.

AMPHIBIANS (CONTINUED)

81-006826 Putnam, Robert W. THE BASIS FOR DIFFERENCES IN LACTIC ACID CONTENT AFTER ACTIVITY IN DIFFERENT SPECIES OF ANURAN AMPHIBIANS. *Physiol. Zool.* 52(4):509-519. Oct. 1979. WR 182
[Dep. Dev. & Cell Biol., Univ. Calif., Irvine 92717] *Rana pipiens, Xenopus laevis* and *Bufo boreas.*

81-006827 Quinn, Hugh. CAPTIVE PROPAGATION OF ENDANGERED HOUSTON TOADS. *Herpetol. Rev.* 11(4):109. Dec. 1980. WR 182
[Houston Zool. Gardens, P.O. Box 1562, Houston, TX 77001] *Bufo houstonensis.*

81-006828 Reichenbach, Norman G. FIRST RECORD FOR THE STRIPED COLOR MORPH OF *PLETHODON CINEREUS* FROM A LAKE ERIE ISLAND. *Herpetol. Rev.* 12(2):53. June 1981. WR 182
[Dep. Zool., Ohio State Univ., Columbus 43210]

81-006829 Risley, Michael S. and Ronald A. Eckhardt. H1 HISTONE VARIANTS IN *XENOPUS LAEVIS. Dev. Biol.* 84(1):79-87. May 1981. WR 182
[Dep. Anat., Cornell Univ. Med. Coll., New York, NY 10021]

81-006830 Sabnis, J. H. and Ku. S. M. Kuthe. OBSERVATIONS ON FOOD AND GROWTH OF *BUFO MELANOSTICTUS* TADPOLE. *J. Bombay Nat. Hist. Soc.* 77(1):21-25. Apr. 1980. WR 182
Dep. Zool., Vidarbha Mahavidyalaya, Amravati 444 604, India]

81-006831 Salomatina, N. I. BIOMECHANICAL ANALYSIS OF THE MANDIBULAR APPARATUS OF *RANA RIDIBUNDA. Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk USSR)* 254(1-6):523. Mar. 1981. Translated from Dokl. Akad. Sci. SSSR 254(6):1506-1508. Sept. 1980. WR 182
[A. N. Severtsov Inst. Evol. Morphol. & Anim. Ecol., Acad. Sci. USSR, Moscow, USSR]

81-006832 Savage, Jay M. *ELEUTHERODACTYLUS BRANSFORDII* (COPE): AN ADDITION TO THE FROG FAUNA OF HONDURAS. *Herpetol. Rev.* 12(1):14. Mar. 1981. WR 182
[Allan Hancock Found. & Dep. Biol. Sci., Univ. Southern Calif., Los Angeles 90007]

81-006833 Schlaghecke, Reiner and Volker Blüm. SEASONAL VARIATION IN INSULIN AND GLUCAGON CONCENTRATIONS OF *RANA ESCULENTA* (L.). *Gen. Comp. Endocrinol.* 43(4):479-483. Apr. 1981. WR 182
[Ruhr-Univ. Bochum, Universitätsstraße 150, 4630 Bochum, West Germany]

81-006834 Schmid, M. and K. Bachmann. A FROG WITH HIGHLY EVOLVED SEX CHROMOSOMES. *Experientia (Basel)* 37(3):243-245. 15 Mar. 1981. WR 182
[Inst. Humangenetik, Univ. Göttingen, Nikolausberger Weg 5A, D-3400 Göttingen, West Germany] *Pyxicephalus adspersus.*

81-006835 Schueler, Frederick W. PRESERVING ANURAN SKINS BY DRYING. *Herpetol. Rev.* 12(1):10-11. Mar. 1981. WR 182
[Herpetol. Sect., Natl. Mus. Nat. Sci., Ottawa, Ontario, Canada K1A 0M8]

AMPHIBIANS (CONTINUED)

81-006836 Seale, Dianne B. INFLUENCE OF AMPHIBIAN LARVAE ON PRIMARY PRODUCTION, NUTRIENT FLUX, AND COMPETITION IN A POND ECOSYSTEM. *Ecology* 61(6):1531-1550. Dec. 1980. WR 182
[Cent. Great lakes Stud., Univ. Wis., Milwaukee 53201] *Ambystoma* sp., *Bufo* sp., and *Rana* sp. in Missouri.

81-006837 Semlitsch, Raymond D.; Gary B. Moran and Cynthia A. Shoemaker. *AMBYSTOMA TALPOIDEUM* (MOLE SALAMANDER) MORPHOLOGY. *Herpetol. Rev.* 12(2):69. June 1981. WR 182
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801]

81-006838 Sever, David M. OBSERVATIONS ON THE NASOLABIAL GROOVE OF THE PLETHODONTID SALAMANDER *EURYCEA QUADRIDIGITATA*. *Proc. Indiana Acad. Sci.* 89:421-424. 1980. WR 182
[Dep. Biol., Saint Mary's Coll., Notre Dame, IN 46556]

81-006839 Sherman, Elizabeth. CARDIOVASCULAR RESPONSES OF THE TOAD *BUFO MARINUS* TO THERMAL STRESS AND WATER DEPRIVATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 66(4):643-650. 1980. WR 182
[Div. Nat. Sci. & Math., Bennington Coll., Bennington, VT 05201]

81-006840 Shi Lüji; Yan Yuanchang; Zhang Jizeng; Mo Huiying and Lu Yaqin. EFFECT OF HETEROSPECIFIC DNA ON THE DEVELOPMENT OF *RANA NIGROMACULATA*. *Sci. Sin.* 24(3):402-406. Mar. 1981. In English. WR 182
[Shanghai Inst. Cell Biol., Acad. Sinica, Shanghai, China]

81-006841 Shy, Eyal. CHANGES IN ACOUSTIC PARAMETERS IN THE COURSE OF THE MATING CALL OF MALE *HYLA ARBOREA SAVIGNYI* (AMPHIBIA: ANURA). *Isr. J. Zool.* 29(1-3):141-149. 1980. WR 182
[Dep. Biol., Wayne State Univ., Detroit, MI 48202]

81-006842 Simson, J. N. L.; A. Merhav and W. Silen. ALKALINE SECRETION BY AMPHIBIAN DUODENUM. II. SHORT-CIRCUIT CURRENT AND NA^+ and Cl^- fluxes. *Am. J. Physiol.* 240(6):G472-G479. June 1981. WR 182
[Dep. Surgery, Harvard Med. School, Boston, MA] *Rana catesbeina*.

81-006843 Smirnova, I. G. and N. S. Gabaeva. [ON THE MORPHOLOGY AND PROLIFERATION OF FOLLICULAR EPITHELIUM OF THE *TRITURUS VULGARIS* TESTICLES DURING THE ANNUAL SPERMATOGENOUS CYCLE.] *Biol. Nauki (Mosc.)* 1981(4):51-57. 1981. In Russian. WR 182

81-006844 Srivastav, Ajai Kumar. CYTOLOGICAL ACTIVITY OF THE ULTIMOBRANCHIAL BODY OF FROGLETS OF *RANA CYANOPHLYCTIS* IN RESPONSE TO CALCIUM-RICH ENVIRONMENT. *Arch. Biol.* 91(3&4):439-444. 1980. In English with French summ. WR 182
[Dep. Zool., Univ. Gorakhpur, Gorakhpur 273001, India]

81-006845 Stewart, Bruce G. VOCALIZATIONS BY THE MEXICAN HYLID FROG *HYLA TAENIOPUS*. *Herpetol. Rev.* 11(4):90. Dec. 1980. WR 182
[Environ. Div., Espey, Houston & Associates, Inc., 3010 S. Lemar, Austin, TX 78704]

AMPHIBIANS (CONTINUED)

81-006846 Telford, S. R. and N. I. Passmore. SELECTIVE PHONOTAXIS OF FOUR SYMPATRIC SPECIES OF AFRICAN REED FROGS (GENUS *HYPEROLIUS*). *Herpetologica* 37(1):29-32. Mar. 1981. WR 182
[Dep. Zool., Univ. Witwatersrand, Johannesburg 2001, South Africa] *Hyperolius pusillus, H. argus, H. marmoratus* and *H. tuberilinguis*.

81-006847 Théodoridès, Jean; Paulette Pujol; Florence Neyrand de Leffemberg and Michel Delsol. NOUVEAUX CAS DE PARASITISME TESTICULAIRE D'AMPHIBIENS (*BUFO, PTYCHADENA*) PAR DES MYXOSPORIDIES DE GENRE *MYXOBOLUS*. [NEW CASES OF TESTICULAR PARASITIC INFESTATION IN AMPHIBIANS (*BUFO, PTYCHADENA*) BY MYXOSPORIDIA OF THE GENUS *MYXOBOLUS*.] *Ann. Sci. Nat. Zool. Biol. Anim. 13 Ser.* 3(1):63-68. 1981. In French with English summ. WR 182
[Lab. Évol., Univ. Pierre & Marie Curie, 105 Blvd. Raspail, F-75006 Paris, France] *Bufo regularis* and *Ptychadena maccarthyensis*.

81-006848 Thompson, Michael Baden. THE SYSTEMATIC STATUS OF THE GENUS *AUSTRALOCRINIA* HEYER & LIEM (ANURA: LEPTODACTYLIDAE). *Aust. J. Zool.* 29(1):93-102. 1981. WR 182
[Dep. Zool., Univ. Adelaide, Box 498, G.P.O., Adelaide, South Australia, Australia]

81-006849 Tinsley, R. C. and M. Whitear. THE SURFACE FAUNA OF *XENOPUS* SKIN. *Proc. R. Soc. Edinb. Sect. B Biol. Sci.* 79(1/3):127-129. 1980. WR 182
[Dep. Zool., Westfield Coll., London NW3 7ST, England]

81-006850 Travis, Joseph Anthony. THE ECOLOGICAL GENETICS OF LARVAL DEVELOPMENT IN HYLID FROGS. *Ph.D. dissertation, Duke Univ.* 175p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3679. Apr. 1981. WR 182

81-006851 Vives-Balmaña, M. V. EL GÉNERO *RANA* L. 1758 (AMPHIBIA, SALIENTIA) EN EL NE IBÉRICO. [THE GENUS *RANA* L. 1758 (AMPHIBIA, SALIENTIA) IN THE NORTHEASTERN IBERIAN PENINSULA.] *Publ. Dep. Zool. Univ. Barcelona* 6:89-95. 1981. In Spanish with French and English summ. WR 182
[Dep. Zool., Fac. Biol., Univ. Barcelona, Barcelona, Spain]

81-006852 Weygoldt, Peter. COMPLEX BROOD CARE AND REPRODUCTIVE BEHAVIOR IN CAPTIVE POISON-ARROW FROGS, *DENDROBATES PUMILIO* O. SCHMIDT. *Behav. Ecol. Sociobiol.* 7(4):329-332. 1980. WR 182
[Biol. Inst. I (Zool.), Albert-Ludwigs-Univ., Albertstrasse 21a, D-7800, Freiburg i. Br., West Germany]

81-006853 Withers, P. C. and S. S. Hillman. OXYGEN CONSUMPTION OF *AMPHIUMA MEANS* DURING FORCED ACTIVITY AND RECOVERY. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):141-144. 1981. WR 182
[Biol. Dep., Portland State Univ., P.O. Box 751, Portland, OR 97207]

81-006854 Witkovsky, P. and Cynthia C. Powell. SYNAPSE FORMATION AND MODIFICATION BETWEEN DISTAL RETINAL NEURONS IN LARVAL AND JUVENILE *XENOPUS*. *Proc. R. Soc. Lond. B Biol. Sci.* 211(1184):373-389. 11 Mar. 1981. WR 182

AMPHIBIANS (CONTINUED)

81-006854 CONTINUED
[Dep. Ophthalmology Physiol. & Biophysics, N.Y. Univ. Med. Cent., 550 First Ave., New York 10016]

81-006855 Woodroofe, M. Nicola and Larry F. Lemanski. TWO ACTIN VARIANTS IN DEVELOPING AXOLOTL HEART. *Dev. Biol.* 82(1):172-179. Feb. 1981. WR 182
[Dep. Anat. & Muscle Biol. Lab., Univ. Wis., Madison 53706] *Ambystoma mexicanum.*

81-006856 Yamada, T. THE CONCEPT OF EMBRYONIC INDUCTION IN THE PASSAGE OF TIME. *Neth. J. Zool.* 31(1):78-98. Mar. 1981. WR 182
[Inst. Suisse Recherches Exp. Cancer, Epalinges, Switzerland]

81-006857 Yanev, Kay P. and David B. Wake. GENIC DIFFERENTIATION IN A RELICT DESERT SALAMANDER, *BATRACHOSEPS CAMPI*. *Herpetologica* 37(1):16-28. Mar. 1981. WR 182
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

81-006858 Zeiske, Wolfgang and Willy Van Driessche. APICAL K+ CHANNELS IN FROG SKIN (*RANA TEMPORARIA*): CATION ADSORPTION AND VOLTAGE INFLUENCE GATING KINETICS. *Pflügers Arch. Eur. J. Physiol.* 390(1):22-29. Apr. 1981. WR 182
[Lab. Fysiol., Campus Gasthuisberg, B-3000 Leuven, Belgium]

81-006859 Zweifel, Richard G. DESCRIPTION AND RELATIONSHIPS OF A NEW SPECIES OF MICROHYLID FROG (GENUS *BARYGENYS*) FROM PAPUA NEW GUINEA. *Pac. Sci.* 34(3):269-275. July 1980. WR 182
[Dep. Herpetol., Am. Mus. Nat. Hist., New York, NY 10024] *Barygenys parvula.*

REPTILES

81-006860 Adams, Z'S.; D. Gattullo; G. Losano; N. A. Marsh; G. Vacca and B. C. Whaler. THE EFFECT OF *BITIS GABONICA* (GABOON VIPER) SNAKE VENOM ON BLOOD PRESSURE, STROKE VOLUME AND CORONARY CIRCULATION IN THE DOG. *Toxicon* 19(2):263-270. 1981. WR 182
[Ist. Fisio. Umana, Univ. Torino, Torino, Italy]

81-006861 Adjovi, Yvette. EVOLUTION OF GLUCOSE INDUCED HYPERGLYCEMIA DURING THE ANNUAL CYCLE OF A SAHELIAN LIZARD (*VARANUS EXANTHEMATICUS*). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):529-536. 1981. WR 182
[Lab. Neurophysiol., Fac. Sci. & Techniques, Univ. Nice, Nice 06100, France]

81-006862 Alpaugh, Walter C. EARTHWORM (*LUMBRICUS TERRESTRIS*) CONSUMPTION IN CAPTIVE GARTER SNAKES (*THAMNOPHIS SIRTALIS*). *Herpetol. Rev.* 11(4):93. Dec. 1980. WR 182
[5 Central St., Lebanon, NJ 08833]

REPTILES (CONTINUED)

81-006863 Andrén, Claes and Göran Nilson. REPRODUCTIVE SUCCESS AND RISK OF PREDATION IN NORMAL AND MELANISTIC COLOUR MORPHS OF THE ADDER, *VIPERA BERUS*. *Biol. J. Linn. Soc.* 15(3):235-246. May 1981. WR 182
[Univ. Göteborg, Dep. Zool., Box 250 59, S-40031 Göteborg, Sweden]

81-006864 Anderson, R. A. and W. H. Karasov. CONTRASTS IN ENERGY INTAKE AND EXPENDITURE IN SIT-AND-WAIT AND WIDELY FORAGING LIZARDS. *Oecologia (Berl.)* 49(1):67-72. May 1981. WR 182
[Dep. Biol., Univ. Calif., Los Angeles 90024] *Cnemidophorus tigris* and *Callisaurus draconoides*.

81-006865 Arslan, M.; P. Zaidi; F. Bint Akhtar and M. H. Qazi. EFFECT OF INTRATESTICULAR ADMINISTRATION OF GONADOTROPINS ON TESTICULAR AND PLASMA ANDROGEN CONCENTRATION IN THE LIZARD, *UROMASTIX HARDWICKI*. *Gen. Comp. Endocrinol.* 43(4):422-426. Apr. 1981. WR 182
[Dep. Biol. Sci., Quaid-i-Azam Univ., Islamabad, Pakistan]

81-006866 Axtell, Ralph W. A PERIPHERAL MEXICAN RECORD FOR *CROTAPHYTUS RETICULATUS* FOUND ERRONEOUS. *Herpetol Rev.* 12(2):66. June 1981. WR 182
[Dep. Biol. Sci., Southern Ill. Univ., Edwardsville 62026]

81-006867 Baby, T. G. and S. Raghupathi Rami Reddy. DISTRIBUTION OF POLYAMINES AND ORNITHINE DECARBOXYLASE ACTIVITY IN THE TISSUES OF THE LIZARD, *CALOTES VERSICOLOR*. *J. Exp. Zool.* 216(1):37-43. Apr. 1981. WR 182
[Dep. Zool., Ahmednagar Coll., Ahmednagar, Maharashtra 414 001, India]

81-006868 Bajwa, S. S.; Francis S. Markland and Findlay E. Russell. FIBRINOLYTIC AND FIBRINOGEN CLOTTING ENZYMES PRESENT IN THE VENOMS OF WESTERN DIAMONDBACK RATTLESNAKE, *CROTALUS ATROX*, EASTERN DIAMONDBACK RATTLESNAKE, *CROTALUS ADAMANTEUS*, AND SOUTHERN PACIFIC RATTLESNAKE, *CROTALUS VIRIDIS HELLERI*. *Toxicon* 19(1):53-59. 1981. WR 182
[Dep. Biochem., Univ. Southern Calif. School Med., Los Angeles 90033]

81-006869 Balazs, George H. FIELD METHODS FOR SAMPLING THE DIETARY COMPONENTS OF GREEN TURTLES *CHELONIA MYDAS*. *Herpetol. Rev.* 11(1):5-6. Mar. 1980. WR 182
[Hawaii Inst. Mar. Biol., Univ. Hawaii, P.O. Box 1346, Kaneohe 96744]

81-006870 Barten, Stephen L. REPRODUCTION OF *LAMPROPELTIS TRIANGULUM ELAPSOIDES* FROM ONSLOW COUNTY, NORTH CAROLINA. *Herpetol. Rev.* 12(2):62. June 1981. WR 182
[Noyes Anim. Hospital, Northwest Highway & Kelsey Rd., Barrington, IL 60010]

81-006871 Bartlett, R. D. AN ALBINO EASTERN GARTER SNAKE, *THAMNOPHIS SIRTALIS SIRTALIS*, FROM WESTERN MASSACHUSETTS. *Herpetol. Rev.* 12(2):52. June 1981. WR 182
[146 North Brook Rd., Springfield, MA 01119]

81-006872 Bell, C. J. THE SCALING OF THE THERMAL INERTIA OF LIZARDS. *J. Exp. Biol.* 86:79-85. 1980. WR 182
[Glasshouse Crops Res. Inst., Worthing Rd., Littlehampton, West Sussex BN16 3PU, England]

REPTILES (CONTINUED)

81-006873 Bennett, Albert F.; Todd T. Gleeson and George C. Gorman. ANAEROBIC METABOLISM IN A LIZARD (*ANOLIS BONAIRENSIS*) UNDER NATURAL CONDITIONS. *Physiol. Zool.* 54(2):237-241. Apr. 1981. WR 182
[School Biol. Sci., Univ. Calif., Irvine 92717]

81-006874 Berger, P. J.; B. K. Evans and D. G. Smith. LOCALIZATION OF BARORECEPTORS AND GAIN OF THE BARORECEPTOR-HEART RATE REFLEX IN THE LIZARD *TRACHYDOSAURUS RUGOSUS*. *J. Exp. Biol.* 86:197-209. 1980. WR 182
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia]

81-006875 Berry, G. N. and L. R. G. Cannon. THE LIFE HISTORY OF A *SULCASCARIS SULCATA* (NEMATODA: ASCARIDOIDEA), A PARASITE OF MARINE MOLLUSCS AND TURTLES. *Int. J. Parasitol.* 11(1):43-54. Feb. 1981. WR 182
[Dep. Parasitol., Univ. Queensland, St. Lucia, Brisbane, 4067 Queensland, Australia] *Caretta caretta*.

81-006876 Biswas, S.; L. N. Acharjyo and S. Mohapatra. A NOTE ON THE PROTUBERANCE OR KNOB ON THE SNOUT OF MALE GHARIAL [*GAVIALIS GANGETICUS* (GMELIN)]. *J. Bombay Nat. Hist. Soc.* 74(3):536-537. Dec. 1977. WR 182
[Zool. Survey India, 34 A&B, Sashibhusan Dey St., Calcutta-12, India]

81-006877 Biswas, S.; L. N. Acharjyo and S. Mohapatra. OBSERVATION ON THE FEEDING HABIT OF THE TREE SNAKE, COMMON INDIAN BRONZE-BACK, *DENDRELAPHIS TRISTIS* (DAUDIN). *J. Bombay Nat. Hist. Soc.* 74(3):539-540. Dec. 1977. WR 182
[Zool. Survey India, 34 A&B, Sashibhusan Dey St., Calcutta-12, India]

81-006878 Blanc, Ch. P. ÉTUDES SUR LES ACANTHODACTYLES DE TUNISIE (SAURIA: LACERTIDAE). III. VARIABILITÉ MORPHOLOGIQUE ET SES IMPLICATIONS SYSTÉMATIQUES. [A STUDY OF THE *ACANTHODACTYLUS* WIEGM. IN TUNISIA (SAURIA: LACERTIDAE). III. PROBLEMS OF CLASSIFICATION DUE TO MORPHOLOGICAL VARIATION.] *Bull. Soc. Zool. Fr.* 104(4):445-465. 1979. In French with English summ. WR 182
[Dep. Biol., Fac. Med., Tunis, Tunisia]

81-006879 Blem, Charles R. REPRODUCTION OF THE EASTERN COTTONMOUTH *AGKISTRODON PISCIVORUS PISCIVORUS* (SERPENTES: VIPERIDAE) AT THE NORTHERN EDGE OF ITS RANGE. *Brimleyana* No. 5. p. 117-120. July 1981. WR 182
[Dep. Biol., Va. Commonwealth Univ., Richmond 23284]

81-006880 Blouch, Raleigh A.; Totok Sinaga and Pudji Sumarto. LEATHERBACK TURTLES RETURN TO SUKAMADE BEACH. *Tigerpaper* 8(1):24-25. Jan. 1981. WR 182
Dermochelys coriacea in Indonesia.

81-006881 Bou-Resli, M. N. ULTRASTRUCTURAL STUDIES ON THE NUCLEOLI OF THE FOLLICLE CELLS IN THE LIZARDS *ACANTHODACTYLUS SCUTELLATUS HARDYI* AND *EREMIAS BREVIROSTRIS*. *Cell Tissue Res.* 214(1):169-180. Jan. 1981. WR 182
[Zool. Dep., Fac. Sci., Kuwait Univ., Kuwait]

81-006882 Bradshaw, S. D. and G. E. Rice. THE EFFECTS OF PITUITARY AND ADRENAL HORMONES ON RENAL AND POSTRENAL REABSORPTION OF WATER AND ELECTROLYTES IN THE LIZARD, *VARANUS GOULDII* (GRAY). *Gen. Comp.*

REPTILES (CONTINUED)

81-006882 CONTINUED *Endocrinol.* 44(1):82-93. May 1981. WR 182
[Zool. Dep., Univ. Western Australia, Nedlands, Western Australia 6009, Australia]

81-006883 Branch, W. R. THE VENOMOUS SNAKES OF SOUTHERN AFRICA. PART 2. ELAPIDAE AND HYDROPHIDAE. *Bull. Md. Herpetol. Soc.* 17(1):1-50. 31 Mar. 1981. WR 182
[Md. Herpetol. Soc., Inc. 2643 North Charles St., Baltimore 21218]

81-006884 Branch, W. R. VENOM YIELDS FROM THREE SPECIES OF SIDE-BITING SNAKES (GENUS *ATRACTASPIS*, COLUBRIDAE). *Toxicon* 19(2):271-277. 1981. WR 182
[Port Elizabeth Mus., P.O. Box 13147, Humewood 6013, South Africa] *Atractaspis bibroni, A. dahomeyensis* and *A. engaddensis.*

81-006885 Brooks, Daniel R. and James R. Palmieri. SIX PLATYHELMINTHS FROM MALAYSIAN REPTILES INCLUDING *PARADISTONOIDELLA CERBERI* N.G., N.SP. (DIGENEA: DICROCOELIIDAE). *J. Helminthol.* 55(1):39-43. Mar. 1981. WR 182
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 2A9] *Cerberus rhynchops, Ptyas korros, Geomyda spinosa* and *Varanus salvator.*

81-006886 Brown, Christopher R. and J. P. Loveridge. THE EFFECT OF TEMPERATURE ON OXYGEN CONSUMPTION AND EVAPORATIVE WATER LOSS IN *CROCODYLUS NILOTICUS. Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):51-57. 1981. WR 182
[Dep. Zool., Univ. Cape Town, Rondebosch 7700, South Africa]

81-006887 Brown, William S. CONSERVING THE TIMBER RATTLESNAKE. *Conservationist* 36(1):27-29. July-Aug. 1981. WR 182
Crotalus horridus.

81-006888 Brummer, Barbara Joan. THE TAXONOMIC SIGNIFICANCE OF VERTEBRAE FROM RECENT COLUBRID SNAKE GENERA OF NORTH AMEICA (NORTH OF MEXICO). *Ph.D. dissertation, New York Univ.* 314p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4413. June 1981. WR 182

81-006889 Brushko, Z. K. [THE REPRODUCTIVE CYCLE OF THE HORSFIELD'S TERRAPIN (*TESTUDO HORSFIELDI*) MALES IN KAZAKHSTAN.] *Zool. Zh.* 60(3):410-417. Mar. 1981. In Russian with English summ. WR 182
[Inst. Zool., Acad. Sci. Kazakh SSR, Alma-Ata, USSR]

81-006890 Bustard, H. R. and S. K. Kar. TERRITORIALITY IN IMMATURE CAPTIVE SALTWATER CROCODILES (*CROCODYLUS POROSUS* SCHNEIDER). *J. Bombay Nat. Hist. Soc.* 77(1):148-149. Apr. 1980. WR 182
[Crocodile Breeding & Manage. Training Inst., 19-4-314 Lake Dale, Rajendranagar Rd., Hyderabad-500 264, India]

81-006891 Bustard, H. R. CLUTCH SIZE, INCUBATION AND HATCHING SUCCESS OF GHARIAL [*GAVIALIS GANGETICUS* (GMELIN)] EGGS FROM NARAYANI RIVER, NEPAL, 1976-1978. *J. Bombay Nat. Hist. Soc.* 77(1):100-105. Apr. 1980. WR 182

REPTILES (CONTINUED)

81-006891 CONTINUED
[Central Crocodile Breeding & Manage. Training Inst., Rajendranagar Rd., 19-4-319 Lake Dale, Hyderabad 500 264 (A.P.), India]

81-006892 Bustard, H. R. and B. C. Choudhury. PARENTAL CARE IN THE SALTWATER CROCODILE (*CROCODYLUS POROSUS* SCHNEIDER) AND MANAGEMENT IMPLICATIONS. *J. Bombay Nat. Hist. Soc.* 77(1):64-69. Apr. 1980. WR 182
[Central Crocodile Breeding & Manage. Training Inst., Rajendranagar Rd., 19-4-319 Lake Dale, Hyderabad-500 264 (A.P.), India]

81-006893 Bustard, H. R. STATUS OF THE GHARIAL (*GAVIALIS GANGETICUS* GMELIN) IN BHUTAN. *J. Bombay Nat. Hist. Soc.* 77(1):150. Apr. 1980. WR 182
[Central Crocodile Breeding & Manage. Training Inst., Lake Dale, Rajendranagar Rd., Hyderabad-500 264, India]

81-006894 Bustard, H. R. and Lala A. K. Singh. STUDIES ON THE INDIAN GHARIAL *GAVIALIS GANGETICUS* (GMELIN) (REPTILIA, CROCODILIA) CHANGE IN TERRESTRIAL LOCOMOTORY PATTERN WITH AGE. *J. Bombay Nat. Hist. Soc.* 74(3):534-535. Dec. 1977. WR 182
[Gharial Res. & Conserv. Unit, Tikerpada 759 122, Orissa, India]

81-006895 Carr, John L. and Timothy W. Houseal. POST-HIBERNATION BEHAVIOR IN *TERRAPENE CAROLINA TRIUNGUIS* (EMYDIDAE). *Southwest. Nat.* 26(2):199-200. 21 May 1981. WR 182
[Dep. Wildl. & Fisheries Sci., Tex A&M Univ., College Station 77843]

81-006896 Carr, John L.; John W. Bickham and Robert H. Dean. THE KARYOTYPE AND CHROMOSOMAL BANDING PATTERNS OF THE CENTRAL AMERICAN RIVER TURTLE *DERMATEMYS MAWII*. *Herpetologica* 37(2):92-95. June 1981. WR 182
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

81-006897 Castanet, J. and E. Roche. DÉTERMINATION DE L'ÂGE CHEZ LE LÉZARD DES MURAILLES, *LACERTA MURALIS* (LAURENTI, 1768) AU MOYEN DE LA SQUELETTOCHRONOLOGIE. [AGE DETERMINATION, BASED ON THE SKELETOCHRONOLOGICAL METHOD, IN THE COMMON WALL LIZARD *LACERTA MURALIS* (LAURENTI, 1768).] *Rev. Suisse Zool.* 88(1):215-226. Mar. 1981. In French with English summ. WR 182
[Lab. Anat. Comp., Univ. Paris 7, 2 Place Jussieu, F-75252 Paris Cedex 05, France]

81-006898 Castilonia, Raymond Richard. STUDIES ON THE VENOM OF THE MOJAVE RATTLESNAKE *CROTALUS SCUTULATUS SCUTULATUS*, KENNICOTT. *Ph.D. dissertation, Univ. Southern Calif.* 1981. From Diss. Abstr. Int. B Sci. Eng. 41(11):4017. May 1981. WR 182

81-006899 Charles, A. K. and S. S. Deshpande. PERIPHERAL VERSUS CENTRAL ACTION OF A TOXIN FROM INDIAN COBRA (*NAJA NAJA NAJA*) VENOM. *Toxicon* 19(2):305-317. 1981. WR 182
[Dep. Biochem., School of Dentistry, Univ. Md., Baltimore 21201]

REPTILES (CONTINUED)

81-006900 Charles, A. K.; S. V. Gangal and A. P. Joshi. BIOCHEMICAL CHARACTERIZATION OF A TOXIN FROM INDIAN COBRA (*NAJA NAJA NAJA*) VENOM. *Toxicon* 19(2):295-303. 1981. WR 182
[Dep. Biochem., School of Dentistry, Univ. Md., Baltimore 21201]

81-006901 Chen, Been-Yuan and Shou-hsian Mao. HEMOGLOBIN FINGERPRINT CORRESPONDENCE AND RELATIONSHIPS OF TURTLES. *Comp. Biochem. Physiol. B Comp. Biochem.* 68(4):497-503. 1981. WR 182
[Dep. Biomorphics, Natl. Defense Med. Cent., Taipei (107), Taiwan] Data for 6 spp.

81-006902 Christian, Keith A. and C. Richard Tracy. THE EFFECT OF THE THERMAL ENVIRONMENT ON THE ABILITY OF HATCHLING GALAPAGOS LAND IGUANAS TO AVOID PREDATION DURING DISPERSAL. *Oecologia (Berl.)* 49(2):218-223. May 1981. WR 182
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Conolophus pallidus.*

81-006903 Christman, Steven P. PATTERNS OF GEOGRAPHIC VARIATION IN FLORIDA SNAKES. *Bull. Fla. State Mus. Biol. Sci.* 25(3):157-256. 15 Oct. 1980. Available at $5.00 from Managing Editor, Bulletin, Fla. State Mus., Univ. Fla., Gainesville 32611. WR 182
[U.S. Fish & Wildl. Serv., 412 N.E. 16th Ave., Gainesville, FL 32001] Data for 15 spp.

81-006904 Claussen, Dennis L. and Gregory R. Art. HEATING AND COOLING RATES IN *ANOLIS CAROLINENSIS* AND COMPARISONS WITH OTHER LIZARDS. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):23-29. 1981. WR 182
[Dep. Zool., Miami Univ., Oxford, OH 45056] Data for 10 spp. of lizards.

81-006905 Condrea, Eleonora; Jeffrey E. Fletcher; Bruce E. Rapuano; Chen-Chung Yang and Philip Rosenberg. EFFECT OF MODIFICATION OF ONE HISTIDINE RESIDUE ON THE ENZYMATIC AND PHARMACOLOGICAL PROPERTIES OF A TOXIC PHOSPHOLIPASE, A_2 FROM *NAJA NIGRICOLLIS* SNAKE VENOM AND LESS TOXIC PHOSPHOLIPASES A_2 FROM *HEMACHATUS HAEMACHATUS* AND *NAJA NAJA ATRA* SNAKE VENOMS. *Toxicon* 19(1):61-71. 1981. WR 182
[Tel-Aviv Univ. Med. School, Tel-Aviv, Israel]

81-006906 Cozzi, Carol A. THE ABSENCE OF SEA SNAKES IN THE ATLANTIC OCEAN. *Bull. Md. Herpetol. Soc.* 16(3):113-118. Sept. 1980. WR 182
[705 Nekik View, Huron, OH 44839]

81-006907 Daciuk, Juan. NOTAS FAUNÍSTICAS Y BIOECOLÓGICAS DE PENÍNSULA VALDÉS Y PATAGONIA: I. DATOS BIOECOLÓGICOS OBTENIDOS EN CAUTIVIDAD EL LAGARTO *PHYNATURUS PALLUMA PALLUMA* (MOLINA), 1792. [FAUNISTIC AND BIOECOLOGICAL NOTES OF PENÍNSULA VALDÉS AND PATAGONIA. I. SOME BIOECOLOGICAL ASPECTS OF THE LIZARD, *PHYNATURUS PALLUMA PALLUMA* (MOLINA), 1782, OBSERVED IN CAPTIVITY (LACERT., IGUANIDAE).] *An. Parques Nac. (B. Aires)* 14:80-86. 1978. In Spanish with English summ. WR 182

81-006908 Das, G. M. CONSERVATION AND RESEARCH ON GHARIALS IN ORISSA. *Indian For.* 107(1):42-50. Jan. 1981. WR 182
[Conservator of Forests, Coastal Shelterbelt Afforestation Circle, Cuttack, Orissa, India]

REPTILES (CONTINUED)

81-006909 Davies, P. M. C. and E. L. Bennett. NON-ACCLIMATORY LATITUDE-DEPENDENT METABOLIC ADAPTATION TO TEMPERATURE IN JUVENILE NATRICINE SNAKES. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 142(4):489-494. 11 May 1981. WR 182
[Dep. Zool., Univ. Nottingham, Nottingham NG7 2RD, England] *Natrix natrix helvetica* and *N. maura*.

81-006910 Davis, R. A. and William Maynard. A LARGE EGG CLUTCH FROM AN EASTERN HOGNOSE SNAKE, *HETERODON PLATYRHINOS*. *Herpetol. Rev.* 11(4):91. Dec. 1980. WR 182
[Cincinnati Mus. Nat. Hist., 1720 Gilbert Ave., Cincinnati, OH 45202]

81-006911 Davis, R. A. HANDLER BEWARE! LARGE CONSTRICTORS CAN KILL! *Herpetol. Rev.* 11(4):91. Dec. 1980. WR 182
[Cincinnati Mus. Nat. Hist., 1720 Gilbert Ave., Cincinnati, OH 45202] *Python reticulatus*.

81-006912 de Buffrenil, V. DONNÉES PRÉLIMINAIRES SUR LA STRUCTURE DES MARQUES DE CROISSANCE SQUELETTIQUES CHEZ LES CROCODILIENS ACTUELS ET FOSSILES. [PRELIMINARY DATA ON THE STRUCTURE OF GROWTH MARKS AMONG LIVING AND FOSSIL CROCODILIANS.] *Bull. Soc. Zool. Fr.* 105(2):355-361. 1980. In French with English summ. WR 182
[Lab. Anat. Comp., 2 Place Jussieu, 75005 Paris, France]

81-006913 de Jong, Wilfried W.; Steven O. Stapel and Anneke Zweers. A COMPARISON OF AVIAN AND REPTILIAN δ-CRYSTALLIN. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(3):593-598. 1981. WR 182
[Dep. Biochem., Univ. Nijmegen, Geert Grooteplein Noord 21, 6525 EZ Nijmegen, Netherlands] *Tupinambis teguixin* and *Chelonis mydas*.

81-006914 Dean, Jeffrey N.; James L. Glenn and Richard C. Straight. BILATERAL CLEFT LABIAL AND PALATE IN THE PROGENY OF A *CROTALUS VIRIDIS VIRIDIS* RAFINESQUE. *Herpetol. Rev.* 11(4):91-92. Dec. 1980. WR 182
[Venom Res. Lab., Vet. Admin. Med. Cent., Salt Lake City, UT 84148]

81-006915 Dupé-Godet, Mireille and Yvette Adjovi. SEASONAL VARIATIONS OF IMMUNOREACTIVE GLUCAGON CONTENTS IN PANCREATIC EXTRACTS OF A SAHELIAN LIZARD *(VARANUS EXANTHEMATICUS)*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):31-42. 1981. WR 182
[Lab. Neurophysiol., Fac. Sci. Tech. Univ. Nice, 06100 Nice, France]

81-006916 Dunson, William A. and Clive R. Bramham. EVAPORATIVE WATER LOSS AND OXYGEN CONSUMPTION OF THREE SMALL LIZARDS FROM THE FLORIDA KEYS: *SPHAERODACTYLUS CINEREUS, S. NOTATUS*, AND *ANOLIS SAGREI*. *Physiol. Zool.* 54(2):253-259. Apr. 1981. WR 182
[Dep. Biol., Pa. State Univ., University Park 16802]

81-006917 Eatock, R. A. and G. A. Manley. AUDITORY NERVE FIBRE ACTIVITY IN THE TOKAY GECKO. II. TEMPERATURE EFFECT ON TUNING. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 142(2):219-226. 1 Apr. 1981. WR 182
[Div. Biol. 216-76, Calif. Inst. Technol., Pasadena 91125] *Gekko gecko*.

REPTILES (CONTINUED)

81-006918 Eatock, R. A.; G. A. Manley and L. Pawson. AUDITORY NERVE FIBRE ACTIVITY IN THE TOKAY GECKO. I. IMPLICATIONS FOR COCHLEAR PROCESSING. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 142(2):203-218. 1 Apr. 1981. WR 182
[Div. Biol. 216-76, Calif. Inst. Technol., Pasadena 91125] *Gekko gecko.*

81-006919 Ebbesson, Sven O. E. PROJECTIONS OF THE OPTIC TECTUM AND THE MESENCEPHALIC NUCLEUS OF THE TRIGEMINAL NERVE IN THE TEGU LIZARD (*TUPINAMBIS NIGROPUNCTATUS*). *Cell Tissue Res.* 216(1):151-165. Mar. 1981. WR 182
[Ponce School Med., P.O. Box 7004, Ponce, Puerto Rico 00731]

81-006920 Ebbesson, Sven O. E. and Harvey J. Karten. TERMINAL DISTRIBUTION OF RETINAL FIBERS IN THE TEGU LIZARD (*TUPINAMBIS NIGROPUNCTATUS*). *Cell Tissue Res.* 215(3):591-606. Mar. 1981. WR 182
[Ponce School Med., P.O. Box 7004, Ponce, Puerto Rico 00731]

81-006921 Ehrhart, L. M. MARINE TURTLE MORTALITY ON THE EAST-CENTRAL FLORIDA COAST IN 1980. *Fla. Sci.* 44(suppl. 1):36. 1981. Abstract only. WR 182
[Univ. Central Fla., P.O. Box 25000, Orlando 32816] *Caretta caretta, Chelonia mydas* and *Dermochelys coriacea.*

81-006922 El Ridi, R.; N. Badir and S. El Rouby. EFFECT OF SEASONAL VARIATIONS ON THE IMMUNE SYSTEM OF THE SNAKE, *PSAMMOPHIS SCHOKARI. J. Exp. Zool.* 216(3):357-365. June 1981. WR 182
[Zool. Dep., Fac. Sci., Cairo Univ., Cairo, Egypt]

81-006923 Ernst, Carl H. COURTSHIP BEHAVIOR OF MALE *TERRAPENE CAROLINA MAJOR* (REPTILIA, TESTUDINES, EMYDIDAE). *Herpetol. Rev.* 12(1):7-8. Mar. 1981. WR 182
[Dep. Biol., George Mason Univ., Fairfax, VA 22030]

81-006924 Erskine, Dale J. and Victor H. Hutchison. MELATONIN AND BEHAVIORAL THERMOREGULATION IN THE TURTLE, *TERRAPENE CAROLINA TRIUNGUIS. Physiol. Behav.* 26(6):991-994. June 1974. WR 182
[Hutchison: Dep. Zool., Univ. Okla., Norman 73019]

81-006925 Fauci, Joseph. BREEDING AND REARING OF CAPTIVE SOLOMON ISLAND GROUND BOAS, *CANDOIA CARINATA PAULSENI. Herpetol. Rev.* 12(2):60-61. June 1981. WR 182
[719 W. Braddock, Tampa, FL 33603]

81-006926 Ferguson, M. W. J. EXTRINSIC EROSION OF THE ALLIGATOR EGGSHELL. *J. Anat.* 132(3):451. May 1981. Abstract only. WR 182
[Dep. Anat., Queen's Univ., Belfast, Ireland] *Alligator mississippiensis.*

81-006927 Ferguson, M. W. J. INCREASING POROSITY OF THE INCUBATING ALLIGATOR EGGSHELL CAUSED BY EXTRINSIC MICROBIAL DEGRADATION. *Experientia (Basel)* 37(3):252-255. 15 Mar. 1981. WR 182

REPTILES (CONTINUED)

81-006927 CONTINUED
[Anat. Dep., Queen's Univ., Belfast BT9 7BL, Northern Ireland] *Alligator mississippiensis.*

81-006928 Ferguson, Mark W. J. EXPERIMENTAL CLEFT LIP AND PALATE IN *ALLIGATOR MISSISSIPPIENSIS*. *Herpetol. Rev.* 12(2):54-55. June 1981. WR 182
[Dep. Anat., Queen's Univ. Belfast, Med. Biol. Cent., 97 Lisburn Rd., Belfast BT9 7BL, Northern Ireland]

81-006929 Feuer, Robert C. UNDERWATER TRAPS FOR AQUATIC TURTLES. *Herpetol. Rev.* 11(4):107-108. Dec. 1980. WR 182
[102 S. New Ardmore Ave., Broomall, PA 19008]

81-006930 French, Thomas W. ALBINISTIC NORTHERN WATER SNAKE IN ALABAMA. *Herpetol. Rev.* 12(1):7. Mar. 1981. WR 182
[Dep. Life Sci., Ind. State Univ., Terre Haute 47809] *Natrix sipedon.*

81-006931 Garstka, William R.; Brian Camazine and Elliott Jacobson. SURGICAL EXCISION OF A PERICLOACAL MASS FROM A KING SNAKE (*LAMPROPELTIS MEXICANA*). *Herpetol. Rev.* 12(2):55-56. June 1981. WR 182
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA]

81-006932 Gatten, Robert E., Jr. ANAEROBIC METABOLISM IN FREELY DIVING PAINTED TURTLES (*CHRYSEMYS PICTA*). *J. Exp. Zool.* 216(3):377-385. June 1981. WR 182
[Dep. Biol., Univ. N.C., Greensboro 27412]

81-006933 Gillingham, James C. and Randy E. Baker. EVIDENCE FOR SCAVENGING BEHAVIOR IN THE WESTERN DIAMONDBACK RATTLESNAKE (*CROTALUS ATROX*). *Z. Tierpsychol.* 55(3):217-227. 1981. In English with German summ. WR 182
[Dep. Biol., Central Mich. Univ., Mt. Pleasant 48859]

81-006934 Glass, M. L.; K. Johansen and A. S. Abe. PULMONARY DIFFUSING CAPACITY IN REPTILES (RELATIONS TO TEMPERATURE AND O_2-UPTAKE). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 142(4):509-514. 11 May 1981. WR 182
[Dep. Zoophysiol., Univ. Aarhus, DK-8000 Aarhus C, Denmark] *Varanus exanthematics* and *Tupinambis teguixin.*

81-006935 Gleeson, Todd T. FORAGING AND TRANSPORT COSTS IN THE GALAPAGOS MARINE IGUANA, *AMBLYRHYNCHUS CRISTATUS*. *Physiol. Zool.* 52(4):549-557. Oct. 1979. WR 182
[Dep. Dev. & Cell Biol., Univ. Calif., Irvine 92717]

81-006936 Goode, Mike. NOTES ON CAPTIVE REPRODUCTION IN *ECHIS COLORATA* (SERPENTES: VIPERIDAE). *Herpetol. Rev.* 10(3):94. Sept. 1979. WR 182
[Reptile Dep., Columbus Zoo, Columbus, OH]

81-006937 Gopalakrishnakone, P.; Barbara J. Hawgood and R. D. G. Theakston. SPECIFICITY OF ANTIBODIES TO THE RECONSTITUTED CROTOXIN COMPLEX, FROM THE VENOM OF SOUTH AMERICAN RATTLESNAKE (*CROTALUS DURISSUS*

REPTILES (CONTINUED)

81-006937 CONTINUED *TERRIFICUS*), USING ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA) AND DOUBLE IMMUNODIFFUSION. *Toxicon* 19(1):131-139. 1981. WR 182
[Hawgood: Dep. Physiol., Queen Elizabeth Coll., Univ. London, London W8 7AH, England]

81-006938 Grant, Margaret M.; Joseph D. Brain and Allen Vinegar. PULMONARY DEFENSE MECHANISMS IN *BOA CONSTRICTOR*. *J. Appl. Physiol.* 50(5):979-983. May 1981. WR 182
[Dep. Physiol., Harvard School Public Health, Boston, MA 02115]

81-006939 Grigg, Gordon C. and Peter Harlow. A FETAL-MATERNAL SHIFT OF BLOOD OXYGEN AFFINITY IN AN AUSTRALIAN VIVIPAROUS LIZARD, *SPHENOMORPHUS QUOYII* (REPTILIA, SCINCIDAE). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 142(4):495-499. 11 May 1981. WR 182
[Zool. A08, Univ. Sydney, Sydney, New South Wales 2606, Australia]

81-006940 Gudynas, Eduardo. NOTES ON THE SEXUAL BEHAVIOR AND THE REPRODUCTION OF *TEIUS TEYOU* (LACERTILIA: TEIIDAE). *Herpetol. Rev.* 10(4):113. Dec. 1979. WR 182
[San Fructuoso 1873, Montevideo, Uruguay]

81-006941 Gudynas, Eduardo and J. Carlos Gambarotta. TWO *PHILODRYAS PATAGONIENSIS* FROM ONE EGG. *Herpetol. Rev.* 12(2):54. June 1981. WR 182
[Dep. Biol., Cent. Educativo Don Orione, Casilla Correo 13125, Montevideo, Uruguay]

81-006942 Guess, Robert C. A PACIFIC LOGGERHEAD CAPTURED OFF CALIFORNIA'S NORTHERN CHANNEL ISLANDS. *Herpetol. Rev.* 12(1):15. Mar. 1981. WR 182
[Univ. Calif., Coastal Marine Lab., Santa Cruz 95064] *Caretta caretta*.

81-006943 Guillette, Louis J., Jr. ON THE OCCURRENCE OF OVIPAROUS AND VIVIPAROUS FORMS OF THE MEXICAN LIZARD *SCELOPORUS AENEUS*. *Herpetologica* 37(1):11-15. Mar. 1981. WR 182
[DEPOB, Univ. Colo., Boulder 80309]

81-006944 Häupl, M. DAS SCHÄDELSKELETT EINIGER ARTEN DER FAM. GEKKONIDAE. [THE SKULLS OF SOME SPECIES OF THE FAMILY GEKKONIDAE.] *Ann. Naturhist. Mus. Wien* 83:479-518. 1979. In German with English summ. WR 182
[Naturhist. Mus. Vienna, Burgring 7, Postfach 417, A-1014 Vienna, Austria]

81-006945 Haldar-Misra, C. and J. P. Thapliyal. THYROID IN REPRODUCTION OF REPTILES. *Gen. Comp. Endocrinol.* 43(4):537-542. Apr. 1981. WR 182
[Dep. Zool., Banaras Hindu Univ., Varanasi-221005, India] *Calotes versicolor*.

81-006946 Hebrard, James J. and Robert C. Lee. ATLANTIC SALT MARSH SNAKE SURVEY, MERRITT ISLAND, FLORIDA. *Fla. Sci.* 44(suppl. 1):36. 1981. Abstract only. WR 182
[Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya] *Nerodia fasciata teaniata*.

REPTILES (CONTINUED)

81-006947 Henderson, Robert W. and Henry S. Fitch. NOTES ON THE BEHAVIOR AND ECOLOGY OF *CTENOSAURA SIMILIS* (REPTILIA, IGUANIDAE) AT BELIZE CITY, BELIZE. *Brenesia* 16:69-80. 1979. WR 182
[Vertebr. Div., Milwaukee Public Mus., Milwaukee, WI 53233]

81-006948 Henley, Gordon B. A NEW TECHNIQUE FOR RECOGNITION OF SNAKES. *Herpetol. Rev.* 12(2):56. June 1981. WR 182
[Ellen Trout Zoo, P.O. Drawer 190, Lufkin, TX 75901]

81-006949 Herman, Dennis W. CAPTIVE REPRODUCTION IN THE SCARLET KINGSNAKE, *LAMPROPELTIS TRIANGULUM ELAPSOIDES* (HOLBROOK). *Herpetol. Rev.* 10(4):115. Dec. 1979. WR 182
[Div. Herpetol., Atlanta Zool. Park, 800 Cherokee Ave., SE, Atlanta, GA 30315]

81-006950 Heusner, A. A. and E. W. Jameson, Jr. SEASONAL CHANGES IN OXYGEN CONSUMPTION AND BODY COMPOSITION OF *SCELOPORUS OCCIDENTALIS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):363-372. 1981. WR 182
[Dep. Physiol. Sci., Univ. Calif., Davis 95616]

81-006951 Hidalgo, Hugo. RANGE EXTENSION OF THE SNAKE, *SIBON ANTHRACOPS* (COPE), IN EL SALVADOR. *Herpetol. Rev.* 10(3):103. Sept. 1979. WR 182
[Ave. San Jose No. 374, Col. El Refugio, San Salvador, El Salvador]

81-006952 Hidalgo, Hugo. OCCURRENCE OF *PELAMIS PLATURUS* (LINNAEUS) IN EL SALVADOR. *Herpetol. Rev.* 11(4):117. Dec. 1980. WR 182
[Ave. San. José No. 374, Col. El Refugio, San Salvador, El Salvador]

81-006953 Hidalgo, Hugo. ADDITIONS TO THE SNAKE FAUNA OF EL SALVADOR. *Herpetol. Rev.* 12(2):67-68. June 1981. WR 182
[Ave. San Jóse No. 374, Col. El Refugio, San Salvador, El Salvador] *Crisantophis nevermanni*, *Ninia atrata*, *Sibon nebulata* and *Thamnophis fulvus*.

81-006954 Ho, Shuk-mei; Doris Danko and Ian P. Callard. EFFECT OF EXOGENOUS ESTRADIOL-17β ON PLASMA VITELLOGENIN LEVELS IN MALE AND FEMALE *CHRYSEMYS* AND ITS MODULATION BY TESTOSTERONE AND PROGESTERONE. *Gen. Comp. Endocrinol.* 43(4):413-421. Apr. 1981. WR 182
[Biol. Dep., Boston Univ., Boston, MA 02215] *Chrysemys picta*.

81-006955 Holmback, Erik. *CROTALUS ATROX* (WESTERN DIAMONDBACK RATTLESNAKE) COLORATION. *Herpetol. Rev.* 12(2):70. June 1981. WR 182
[San Antonio Zoo, 3903 N. St. Mary's St., San Antonio, TX 78212]

81-006956 Hutchison, J. Howard and Dennis M. Bramble. HOMOLOGY OF THE PLASTRAL SCALES OF THE KINOSTERNIDAE AND RELATED TURTLES. *Herpetologica* 37(2):73-85. June 1981. WR 182
[Mus. Paleontol., Univ. Calif., Berkeley 94720]

REPTILES (CONTINUED)

81-006957 Irwin, Kelly J. TWO ABERRANT CROTALID SNAKES FROM KANSAS. *Herpetol. Rev.* 10(3):85. Sept. 1979. WR 182
[2218 West 2nd St., Topeka, KS 66606] *Crotalus v. viridis* and *Sistrurus catenatus tergeminus*.

81-006958 Jardine, David R. FIRST SUCCESSFUL CAPTIVE PROPAGATION OF SCHNEIDER'S SMOOTH-FRONTED CAIMAN, *PALEOSUCHUS TRIGONATUS*. *Herpetol. Rev.* 12(1):18-20. Mar. 1981. WR 182
[Reptiles & Amphibians Zool. Soc. Cincinnati, 3400 Vine St., Cincinnati, OH 45220]

81-006959 Jardine, David R. FIRST SUCCESSFUL CAPTIVE PROPAGATION OF SCHNEIDER'S SMOOTH-FRONTED CAIMAN, *PALEOSUCHUS TRIGONATUS*. *Herpetol. Rev.* 12(2):58-60. June 1981. WR 182
[Zool. Soc. Cincinnati, 34000 Vine St., Cincinnati, OH 45220]

81-006960 Jayal, N. D. CROCODILE CONSERVATION IN INDIA. *Tigerpaper* 7(4):1-3. Oct. 1980. WR 182

81-006961 Johnson, Tom R. MISSOURI'S TURTLES. *Mo. Conserv.* 42(6):11-22. June 1981. WR 182
Annotated list.

81-006962 Johnston, James A. and Brad J. Parker. AN EFFECTIVE METHOD OF PRESERVING LARGE REPTILES. *Herpetol Rev.* 11(3):77-78. Sept. 1980. WR 182
[Herpetol. Sect., Natl. Mus. Nat. Sci., Ottawa, Ontario, Canada K1A 0M8] *Dermochelys coriacea*.

81-006963 Jones, K. Bruce. EFFECTS OF GRAZING ON LIZARD ABUNDANCE AND DIVERSITY IN WESTERN ARIZONA. *Southwest. Nat.* 26(2):107-115. 21 May 1981. WR 182
[U.S. Bureau Land Manage., 2929 West Clarendon Ave., Phoenix, AZ 85017]

81-006964 Kavaliers, Martin and Charles L. Ralph. ENCEPHALIC PHOTORECEPTOR INVOLVEMENT IN THE ENTRAINMENT AND CONTROL OF CIRCADIAN ACTIVITY OF YOUNG AMERICAN ALLIGATORS. *Physiol. Behav.* 26(3):413-418. Mar. 1981. WR 182
[Dep. Zool., Univ. Western Ontario, London, Ontario N6A 5B7, Canada] *Alligator mississippiensis*.

81-006965 Kharin, V. E. [A REVIEW OF SEA SNAKES OF THE GENUS *AIPYSURUS* (SERPENTES, HYDROPHIIDAE).] *Zool. Zh.* 60(2):257-264. Feb. 1981. In Russian with English summ. WR 182
[Pacific Res. Inst. Fisheries & Oceanogr., Vladivostok, USSR] Data for 7 spp.

81-006966 Kitchener, D. J.; A. Chapman; J. Dell; B. G. Muir and M. Palmer. LIZARD ASSEMBLAGE AND RESERVE SIZE AND STRUCTURE IN THE WESTERN AUSTRALIAN WHEATBELT--SOME IMPLICATIONS FOR CONSERVATION. *Biol. Conserv.* 17(1):25-62. Jan. 1980. WR 182
[Biol. Survey Unit, Western Australian Mus., Francis St., Perth, Western Australia 6000, Australia]

REPTILES (CONTINUED)

81-006967 Klaver, Ch. J. J. LUNG-MORPHOLOGY IN THE CHAMAELEONIDAE (SAURIA) AND ITS BEARING UPON PHYLOGENY, SYSTEMATICS AND ZOOGEOGRAPHY. *Z. Zool. Syst. Evolutionsforsch.* 19(1):36-58. Mar. 1981. In English with French and German summ. WR 182
[Inst. Taxonom. Zool., Plantage Middenlaan 53, 1018 DC-Amsterdam, Netherlands]

81-006968 Kraus, Fred and Gordon W. Schuett. AN INTERGRADE *LAMPROPELTIS TRIANGULUM* FROM WEST TEXAS. *Herpetol. Rev.* 12(2):53. June 1981. WR 182
[1022 Eleanor Ave., Toledo, OH 43612]

81-006969 Kuchling, G.; R. Skolek-Winnisch and E. Bamberg. HISTOCHEMICAL AND BIOCHEMICAL INVESTIGATION ON THE ANNUAL CYCLE OF TESTIS, EPIDIDYMIS, AND PLASMA TESTOSTERONE OF THE TORTOISE, *TESTUDO HERMANNI HERMANNI* GMELIN. *Gen. Comp. Endocrinol.* 44(2):194-201. June 1981. WR 182
[Zool. Inst., Univ. Göttingen, D-34 Göttingen, Berliner Straße 28, West Germany]

81-006970 Labib, Ramzy S.; Ezzat R. Awad and Nagi W. Farag. PROTEASES OF *CERASTES CERASTES* (EGYPTIAN SAND VIPER) AND *CERASTES VIPERA* (SAHARA SAND VIPER) SNAKE VENOMS. *Toxicon* 19(1):73-83. 1981. WR 182
[Farag: Fac. Med., Ain Shams Univ., Cario, Egypt]

81-006971 Labib, Ramzy S.; Magda H. Azab and Nagi W. Farag. EFFECTS OF *CERASTES CERASTES* (EGYPTIAN SAND VIPER) AND *CERASTES VIPERA* (SAHARA SAND VIPER) SNAKE VENOMS ON BLOOD COAGULATION: SEPARATION OF COAGULANT AND ANTICOAGULANT FACTORS AND THEIR CORELATION WITH ARGININE ESTERASE AND PROTEASE ACTIVITIES. *Toxicon* 19(1):85-94. 1981. WR 182
[Farag: Fac. Med., Ain Shams Univ., Cairo, Egypt]

81-006972 Larsson, Leonard. CONTROL OF THE PARS INTERMEDIA OF THE LIZARD, *ANOLIS CAROLINENSIS*. V. EXTRAVASCULAR TRANSFER AND CELLULAR UPTAKE OF HORSERADISH PEROXIDASE IN THE NEURO-INTERMEDIATE LOBE. *Cell Tissue Res.* 214(1):1-22. Jan. 1981. WR 182
[Dep. Zool., Univ. Lund., Helgonavägen 3, S-223 62, Lund, Sweden]

81-006973 Lasher, Douglas N. A BICEPHALIC *CROTALUS HORRIDUS* FROM ALABAMA. *Herpetol. Rev.* 11(4):89. Dec. 1980. WR 182
[Ala. Coop. Wildl. Res. Unit, Auburn Univ., Auburn 36830]

81-006974 Laverty, Gary and Nancy B. Clark. RENAL CLEARANCE OF PHOSPHATE AND CALCIUM IN THE FRESH-WATER TURTLE: EFFECTS OF PARATHYROID HORMONE. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 141(4):463-469. Mar. 1981. WR 182
[Dep. Physiol., Univ. Ariz., Coll. Med., Tucson 85724] *Chrysemys picta* and *C. scripta elegans*.

81-006975 Lazell, James D., Jr. and John A. Musick. STATUS OF THE OUTER BANKS KINGSNAKE, *LAMPROPELTIS GETULUS STICTICEPS*. *Herpetol. Rev.* 12(1):7. Mar. 1981. WR 182
[Center for Action on Endangered Species, Ayer, MA 01432]

81-006976 Lee, David S. and William M. Palmer. RECORDS OF LEATHERBACK TURTLES, *DERMOCHELYS CORIACEA* (LINNAEUS), AND OTHER MARINE TURTLES IN NORTH CAROLINA WATERS. *Brimleyana* No. 5. p. 95-106. July 1981. WR 182
[N.C. State Mus. Nat. Hist., P.O. Box 27647, Raleigh 27611]

REPTILES (CONTINUED)

81-006977 Lenarz, Mark S.; Nat B. Frazer; Mark S. Ralston and Roderic B. Mast. SEVEN NESTS RECORDED FOR LOGGERHEAD TURTLE (*CARETTA CARETTA*) IN ONE SEASON. *Herpetol. Rev.* 12(1):9. Mar. 1981. WR 182
[Inst. Ecol., Univ. Ga., Athens 30602]

81-006978 Lind, Peter and David Eaker. AMINO ACID SEQUENCE OF A LETHAL MYOTOXIC PHOSPHOLIPASE A_2 FROM THE VENOM OF THE COMMON SEA SNAKE (*ENHYDRINA SCHISTOSA*). *Toxicon* 19(1):11-24. 1981. WR 182
[Inst. Biochem., Univ. Uppsala, Box 576, S-751 23 Uppsala, Sweden]

81-006979 Lindsey, Peter. COMBAT BEHAVIOR IN THE DUSKY PYGMY RATTLESNAKE, *SISTRURUS MILIARIUS BARBOURI*, IN CAPTIVITY. *Herpetol. Rev.* 10(3):93. Sept. 1979. WR 182
[Div. Herpetol., Atlanta Zool. Park, 800 Cherokee Ave., SE, Atlanta, GA 30315]

81-006980 Love, William B. and Kathleen V. Love. PURE WHITE RATTLESNAKE. *Herpetol. Rev.* 10(4):113. Dec. 1979. WR 182
[306 Tropicalia, Jensen Beach, FL 33457] *Crotalus adamanteus.*

81-006981 Magalhães, Arinos; Gilson José de Oliveira and Carlos R. Diniz. PURIFICATION AND PARTIAL CHARACTERIZATION OF A THROMBIN-LIKE ENZYME FROM THE VENOM OF THE BUSHMASTER SNAKE, *LACHESIS MUTA NOCTIVAGA*. *Toxicon* 19(2):279-194. 1981. WR 182
[Dep. Bioquím, Inst. Ciências Biol., Univ. Federal Minaz Gerais, 30000 Belo Horizonte, C.P. 2486, Brazil]

81-006982 Madhavan, Vasumathi and P. V. Rangneker. EFFECTS OF GLUCAGON ADMINISTRATION IN THE LIZARD *CALOTES VERSICOLOR* (BOULENGER). *J. Anim. Morphol. Physiol.* 27(1&2):201-208. June & Dec. 1980. WR 182
[Dep. Bio-Sci., Mangalogangotri, Mangalore-574152, India]

81-006983 McDiarmid, Roy W. and James E. DeWeese. THE SYSTEMATIC STATUS OF THE LIZARD *BACHIA BLAIRI* (DUNN) 1940 (REPTILIA: TEIIDAE) AND ITS OCCURRENCE IN COSTA RICA. *Brenesia* 12/13:143-153. 1977. WR 182
[Dep. Biol., Univ. South Fla., Tampa]

81-006984 McPherson, Roger J. and Ken R. Marion. SEASONAL TESTICULAR CYCLE OF THE STINKPOT TURTLE (*STERNOTHERUS ODORATUS*) IN CENTRAL ALABAMA. *Herpetologica* 37(1):33-40. Mar. 1981. WR 182
[Dep. Biol., Univ. Ala., Birmingham 35294]

81-006985 McRae, W. Alan; J. Larry Landers and Glenn D. Cleveland. SEXUAL DIMORPHISM IN THE GOPHER TORTOISE (*GOPHERUS POLYPHEMUS*). *Herpetologica* 37(1):46-52. Mar. 1981. WR 182
[International Paper Co., Southlands Exp. Forest, Bainbridge, GA 31717]

81-006986 Moran, Jeffrey B.; Duncan W. Martin and Collis R. Geren. CONTAMINATION OF COMMERCIALLY OBTAINED *AGKISTRODON CONTORTRIX MOKASEN* SNAKE VENOM WITH *BUNGARUS MULTICINCTUS* AND *NAJA NAJA ATRA* SNAKE

REPTILES (CONTINUED)

81-006986 CONTINUED VENOM. *Toxicon* 19(2):334-338. 1981. WR 182
[Dep. Chem., Univ. Ark., Fayetteville 72701]

81-006987 Moran, Jeffrey B.; David Hill and Collis R. Geren. COMPARISON OF THREE PHOSPHOLIPASES ISOLATED FROM COPPERHEAD VENOMS. *Comp. Biochem. Physiol. B Comp. Biochem.* 68(4):561-566. 1981. WR 182
[Geren: Dep. Chem., Univ. Ark., Fayetteville 72701] *Agkistrodon contortrix.*

81-006988 Morgan, D. D. V. and D. M. Bourn. A COMPARISON OF TWO METHODS OF ESTIMATING THE SIZE OF A POPULATION OF GIANT TORTOISES ON ALDABRA. *J. Appl. Ecol.* 18(1):37-40. Apr. 1981. WR 182
Geochelone gigantea.

81-006989 Mortimer, Jeanne A. THE FEEDING ECOLOGY OF THE WEST CARIBBEAN GREEN TURTLE (*CHELONIA MYDAS*) IN NICARAGUA. *Biotropica* 13(1):49-58. Mar. 1981. WR 182
[Dep. Zool., Univ. Fla., Gainesville 32611]

81-006990 Moulding, Jonathan D. SEA TURTLES vs. DREDGING: A CONFLICT WITH THE ENDANGERED SPECIES ACT. *Fla. Sci.* 44(suppl. 1):35. 1981. Abstract only. WR 182
[Environ. & Resour., U.S. Army Corps of Engineers, P.O. Box 4970 Jacksonville, FL 32232]

81-006991 Muth, Allan. PHYSIOLOGICAL ECOLOGY OF DESERT IGUANA (*DIPSOSAURUS DORSALIS*) EGGS: TEMPERATURE AND WATER RELATIONS. *Ecology* 61(6):1335-1343. Dec. 1980. WR 182
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

81-006992 Muth, Francis Allan. BIOPHYSICAL ECOLOGY OF DESERT IGUANA (*DIPSOSAURUS DORSALIS*) EGGS: TEMPERATURE AND WATER RELATIONS. *Ph.D. dissertation, Univ. Wis. (Madison)* 176p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(10):3677. Apr. 1981. WR 182

81-006993 Naulleau, G. and B. van den Brule. CAPTIVE REPRODUCTION OF *VIPERA RUSSELLI* (SHAW, 1797). *Herpetol. Rev.* 11(4):110-112. Dec. 1980. WR 182
[Cent. d'Etudes Biol. Anim. Sauvage, C.N.R.S., Villiers-en-Bois 79360 Beauvoir-s-Niort, France]

81-006994 Neitman, Keith. CAPTIVE REPRODUCTION IN SONORAN BLACK KINGSNAKES (*LAMPROPELTIS GETULUS NIGRITUS*). *Herpetol. Rev.* 11(3):78-79. Sept. 1980. WR 182
[Dep. Herpetol., Houston Zool. Gardens, P.O. Box 1562, Houston, TX 77001]

81-006995 Nussbaum, Ronald A. SEASONAL SHIFTS IN CLUTCH SIZE AND EGG SIZE IN THE SIDE-BLOTCHED LIZARD, *UTA STANSBURIANA* BAIRD AND GIRARD. *Oecologia (Berl.)* 49(1):8-13. May 1981. WR 182
[Mus. Zool., Univ. Mich., Ann Arbor 48109]

REPTILES (CONTINUED)

81-006996 Ogden, John A.; Anders G. J. Rhodin; Gerald J. Conlogue and Terry R. Light. PATHOBIOLOGY OF SEPTIC ARTHRITIS AND CONTIGUOUS OSTEOMYELITIS IN A LEATHERBACK TURTLE (*DERMOCHELYS CORIACEA*). *J. Wildl. Dis.* 17(2):177-187. Apr. 1981. WR 182
[Yale Univ. School Med., 333 Cedar St., P.O. Box 3333, New Haven, CT 06510]

81-006997 Ouyang, Chaoho; Wenche Jy; Yu-Pyng Zan and Che-Ming Teng. MECHANISM OF THE ANTICOAGULANT ACTION OF PHOSPHOLIPASE A PURIFIED FROM *TRIMERESURUS MUCROSQUAMATUS* (FORMOSAN HABU) SNAKE VENOM. *Toxicon* 19(1):113-120. 1981. WR 182
[Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan]

81-006998 Pérez-Higareda, Gonzalo. ALBINISM IN *CORYTOPHANES HERNANDEZI* (LACERTILIA: IGUANIDAE). *Bull. Md. Herpetol. Soc.* 16(3):97-98. Sept. 1980. WR 182
[Estac. Biol. Trop. "Los Tuxtlas", Veracruz, Apdo. Postal 51, Catemaco, Veracruz, México]

81-006999 Parmalee, Paul W. and Walter E. Klippel. REMAINS OF THE WOOD TURTLE *CLEMMYS INSCULPTA* (LE CONTE) FROM A LATE PLEISTOCENE DEPOSIT IN MIDDLE TENNESSEE. *Am. Midl. Nat.* 105(2):413-416. Apr. 1981. WR 182
[Dep. Anthropol., Univ. Tenn., Knoxville 39716]

81-007000 Peterson, Karl H. COPROPHAGY IN *THAMNOPHIS S. SIRTALIS*. *Herpetol. Rev.* 11(1):9. Mar. 1980. WR 182
[Dep. Herpetol., Houston Zool. Gardens, P.O. Box 1562, Houston, TX 77001]

81-007001 Petokas, Peter J. and Maurice M. Alexander. OCCURRENCE OF THE BLANDING'S TURTLE IN NORTHERN NEW YORK. *N.Y. Fish Game J.* 28(1):119-120. Jan. 1981. WR 182
[U.S. Fish & Wildl. Serv., 100 Grange Pl., Room 202, Cortland, NY 13045] *Emydoidea blandingi*.

81-007002 Petokas, Peter J. and Maurice M. Alexander. A NEW TRAP FOR BASKING TURTLES. *Herpetol. Rev.* 10(3):90. Sept. 1979. WR 182
[Coll. Environ. Sci. & For., State Univ. N.Y., Syracuse 13210] *Chrysemys picta*.

81-007003 Petzold, Hans-Günter. DAS ZOOKOMBINAT FRUNSE (KIRGISISCHE SSR) UND DIE ARBEIT SEINER SCHLANGENFARM. [THE FRUNZE ZOO (KIRGHIZ SSR) AND THE WORK OF ITS SNAKE FARM.] *Milu* 5(1/2):331-334. 1980. In German. WR 182
[Tierpark Berlin, Am Tierpark 125, DDR-1136 Berlin, East Germany]

81-007004 Pietruszka, Robert D. AN EVALUATION OF STOMACH FLUSHING FOR DESERT LIZARD DIET ANALYSIS. *Southwest. Nat.* 26(2):101-105. 21 May 1981. WR 182
[Dep. Biol., Univ. N. Mex., Albuquerque 87131] *Cnemidophorus tigris*, *Gambelia wislizeni*, *Phrynosoma platyrhinos*, *Callisaurus draconoides* and *Uta stansburiana*.

REPTILES (CONTINUED)

81-007005 Porras, Louis; James R. McCranie; and Larry David Wilson. THE SYSTEMATICS AND DISTRIBUTION OF THE HOGNOSE VIPER *BOTHROPS NASUTA* BOCOURT (SERPENTES: VIPERIDAE). *Tulane Stud. Zool. Bot.* 22(2):85-107. 3 May 1981. WR 182
[12120 S.W. 180th St., Miami, FL 33177]

81-007006 Posner, Philip; Brian R. MacIntosh and George A. Gerencser. EFFECTS OF WESTERN DIAMONDBACK RATTLESNAKE (*CROTALUS ATROX*) VENOM ON HEART MUSCLE. *Toxicon* 19(2):330-333. 1981. WR 182
[Dep. Physiol., Coll. Med., Univ. Fla., Gainesville 32610]

81-007007 Rado, Theodore A. and Peter G. Rowlands. A RANGE EXTENSION AND LOW ELEVATIONAL RECORD FOR THE ARIZONA RIDGENOSE RATTLESNAKE *(CROTALUS W. WILLARDI). Herpetol. Rev.* 12(1):15. Mar. 1981. WR 182
[Bur. Land Manage., Desert Planning Staff, 3610 Central Ave., Suite 402, Riverside, CA 92506]

81-007008 Rao, P. D. Prasada; N. Subhedar and P. David Raju. CYTOARCHITECTONIC PATTERN OF THE HYPOTHALAMUS IN THE COBRA, *NAJA NAJA*. *Cell Tissue Res.* 217(3):505-529. June 1981. WR 182
[Dep. Opthalmol., New York Med. Coll., Valhalla 10595]

81-007009 Recht, Michael A. A BURROW-OCCLUDING TRAP FOR TORTOISES. *J. Wildl. Manage.* 45(2):557-559. Apr. 1981. WR 182
[Dep. Biol., Calif. State Univ., Dominguez Hills, 90747] *Gopherus flavomarginatus* and *G. agassizi*.

81-007010 Regenass, Urs and Eugen Kramer. ZUR SYSTEMATIK DER GRÜNEN GRUBENOTTERN DER GATTUNG *TRIMERESURUS* (SERPENTES, CROTALIDAE). [ON THE TAXONOMY OF THE GREEN PIT VIPERS GENUS *TRIMERESURUS* (SERPENTES, CROTALIDAE).] *Rev. Suisse Zool.* 88(1):163-205. Mar. 1981. In German with French and English summ. WR 182
[Jackson Lab., Bar Harbor, ME 04609] *Trimeresurus albolabris, T. erythrurus, T. macrops, T. popeorum* and *T. stejnegeri*.

81-007011 Reinert, Howard K. REPRODUCTION BY THE MASSASAUGA *(SISTRURUS CATENATUS CATENATUS). Am. Midl. Nat.* 105(2):393-395. Apr. 1981. WR 182
[Dep. Biol., Lehigh Univ., Bethlehem, PA 18015]

81-007012 Rhodin, Anders G. J.; John A. Ogden and Gerald J. Conlogue. CHONDRO-OSSEOUS MORPHOLOGY OF *DERMOCHELYS CORIACEA*, A MARINE REPTILE WITH MAMMALIAN SKELETAL FEATURES. *Nature* 290(5803):244-246. 19 Mar. 1981. WR 182
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02130]

81-007013 Riley, J. AN EXPERIMENTAL INVESTIGATION OF THE DEVELOPMENT OF *POROCEPHALUS CROTALI* (PENTASTOMIDA: POROCEPHALIDA) IN THE WESTERN DIAMONDBACK RATTLESNAKE {*CROTALUS ATROX*). *Int. J. Parasitol.* 11(2):127-131. Apr. 1981. WR 182
[Dep. Biol. Sci., The University, Dundee DD1 4HN, Scotland]

REPTILES (CONTINUED)

81-007014 Rosowski, John J.; Thomas J. Lynch III and William T. Peake. MIDDLE-EAR MECHANICS: COMPARISON OF CAT AND ALLIGATOR LIZARD. *J. Acoust. Soc. Am.* 69(suppl. 1):S14. 1981. Abstract only. WR 182
[Eaton-Peabody Lab., Mass Eye & Ear Infirmary, Boston 02114]

81-007015 Russell, Anthony P. and Herbert I. Rosenberg. SELF-GROOMING IN *DIPLODACTYLUS SPINIGERUS* (REPTILIA: GEKKONIDAE), WITH A BRIEF REVIEW OF SUCH BEHAVIOUR IN REPTILES. *Can. J. Zool.* 59(3):564-566. Mar. 1981. In English with French summ. WR 182
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

81-007016 Russell, Anthony P. ARTERIES OF THE ANTEBRACHIUM AND NAMUS OF THE TOKAY (*GEKKO GECKO*) (REPTILIA: GEKKONIDAE). *Can. J. Zool.* 59(4):573-582. Apr. 1981. In English with French summ. WR 182
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

81-007017 Russell, Anthony P. and Herbert I. Rosenberg. SUBGENERIC CLASSIFICATION IN THE GEKKONID GENUS *DIPLODACTYLUS*. *Herpetologica* 37(2):86-92. June 1981. WR 182
[Dep. Biol., Univ. Calgary, Calgary, Alberta T2N 1N4, Canada]

81-007018 Sánchez-Herrera, Oscar and William López-Forment C. THE LIZARD *ABRONIA DEPPEI* (SAURIA; ANGUIDAE) IN THE STATE OF MEXICO, WITH THE RESTRICTION OF ITS TYPE LOCALITY. *Bull. Md. Herpetol. Soc.* 16(3):83-87. Sept. 1980. WR 182
[Lab. Mastozool., Inst. Biol., UNAM, Apdo. Postal 70-153, México 20, D. F., México]

81-007019 Saint-Girons, H.; G. E. Rice and S. D. Bradshaw. HISTOLOGIE COMPARÉE ET ULTRASTRUCTURE DE LA GLANDE NASALE EXTERNE DE QUELQUES VARANIDAE (REPTILIA: LACERTILIA). [COMPARATIVE HISTOLOGY AND ULTRASTRUCTURE OF THE EXTERNAL NASAL GLAND OF FOUR SPECIES OF *VARANUS* (REPTILIA: LACERTILIA).] *Ann. Sci. Nat. Zool. Biol. Anim. 13 Ser.* 13(1):15-21. 1981. French with English summ. WR 182
[Lab Évol., Univ. Pierre & Marie Curie, 105 Blvd. Raspail, F-75006 Paris, France]

81-007020 Schroeder, Barbara A. PREDATION AND NEST SUCCESS IN TWO SPECIES OF MARINE TURTLES (*CARETTA CARETTA* AND *CHELONIA MYDAS*) AT MERRITT ISLAND, FLORIDA. *Fla. Sci.* 44(suppl. 1):35. 1981. Abstract only. WR 182
[Merritt Island Natl. Wildl. Refuge, P.O. Box 6504, Titusville, FL 32780]

81-007021 Scott, A. Floyd and James L. Dobie. AN IMPROVED DESIGN FOR A THREAD TRAILING DEVICE USED TO STUDY TERRESTRIAL MOVEMENTS OF TURTLES. *Herpetol. Rev.* 11(4):106-107. Dec. 1980. WR 182
[Dep. Biol., Austin Peay State Univ., Clarksville, TN 37040] *Kinosternon subrubrum.*

81-007022 Semlitsch, Raymond D.; Kent L. Brown and Janalee P. Caldwell. HABITAT UTILIZATION, SEASONAL ACTIVITY, AND POPULATION SIZE STRUCTURE OF THE SOUTHEASTERN CROWNED SNAKE *TANTILLA CORONATA*. *Herpetologica* 37(1):40-46. Mar. 1981. WR 182
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801]

REPTILES (CONTINUED)

81-007023 Senanayake, F. Ranil. THE STATUS OF THE ENDEMIC LIZARDS, GENUS: *CERATOPHORA*, IN SRI LANKA. *Tigerpaper* 7(4):26-28. Oct. 1980. WR 182

81-007024 Sexton, Owen J. REMARKS ON DEFENSIVE BEHAVIOR OF HOGNOSE SNAKES, *HETERODON*. *Herpetol. Rev.* 10(3):86-87. Sept. 1979. WR 182
[Dep. Biol., Washington Univ., St. Louis, MO 63130]

81-007025 Shaffer, David T., Jr. and Walter G. Whitford. BEHAVIORAL RESPONSES OF A PREDATOR, THE ROUND-TAILED HORNED LIZARD, *PHRYNOSOMA MODESTUM* AND ITS PREY, HONEY POT ANTS, *MYRMECOCYSTUS* SPP. *Am. Midl. Nat.* 105(2):209-216. Apr. 1981. WR 182
[Dep. Biol., N. Mex. State Univ., Las Cruces 88001]

81-007026 Shah, R. V.; R. V. Kinariwala and A. V. Ramachandran. VITAMIN C IN REGENERATION: A QUANTITATIVE EVALUATION OF THE CHANGES IN THE HEPATIC AND RENAL ASCORBIC ACID CONTENTS DURING TAIL REGENERATION IN THE SCINCID LIZARD, *MABUYA CARINATA*. *J. Anim. Morphol. Physiol.* 27(1&2):194-200. June & Dec. 1980. WR 182
[Dep. Zool., M.S. Univ. Baroda, Baroda-390 002, India]

81-007027 Stamps, Judy and Sanford Tanaka. THE INFLUENCE OF FOOD AND WATER ON GROWTH RATES IN A TROPICAL LIZARD (*ANOLIS AENEUS*). *Ecology* 62(1):33-40. Feb. 1981. WR 182
[Dep. Zool., Univ. Calif., Davis 95616]

81-007028 Stinner, Jerry Neale. PULMONARY ANATOMY, GAS EXCHANGE, AND ACID-BASE BALANCE IN THE GOPHER SNAKE, *PITUOPHIS MELANOLEUCUS CATENIFER*. *Ph.D. dissertation, Univ. Calif. (Riverside)* 146p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(11):3984. May 1981. WR 182

81-007029 Stoneburner, D. L.; D. Gilmore; J. Hinesley; D. Gross; D. Hall and J. I. Richardson. OBSERVATIONS ON *CHELONIA MYDAS MYDAS*: A NORTHERLY EXTENSION OF KNOWN NESTING RANGE. *Herpetol. Rev.* 10(3):103-104. Sept. 1979. WR 182

81-007030 Stoneburner, D. L. and L. M. Ehrhart. OBSERVATIONS ON *CARETTA C. CARETTA*: A RECORD INTERNESTING MIGRATION IN THE ATLANTIC. *Herpetol. Rev.* 12(2):66. June 1981. WR 182
[Natl. Park Serv. Coop. Res., Inst. Ecol., Univ. Ga., Athens 30602]

81-007031 Subba Rao, M. V. SEX DETERMINATION IN LIVING CROCODILIANS. *Tigerpaper* 8(1):10. Jan. 1981. WR 182

81-007032 Sugerman, Richard A. and John S. Applegarth. AN INSTANCE OF NATURAL CANNIBALISM BY *UNA N. NOTATA* BAIRD. *Herpetol. Rev.* 11(4):90. Dec. 1980. WR 182
[Dep. Biol. Sci., Wichita State Univ., Wichita, KS 67208]

81-007033 Sutherland, Struan K. and Alan R. Coulter. EARLY MANAGEMENT OF BITES BY THE EASTERN DIAMONDBACK RATTLESNAKE (*CROTALUS ADAMANTEUS*): STUDIES IN MONKEYS (*MACACA FASCICULARIS*). *Am. J. Trop. Med. Hyg.*

REPTILES (CONTINUED)

81-007033 CONTINUED 30(2):497-500. Mar. 1981. WR 182
[Dep. Immunol. Res., Commonwealth Serum Lab., Parkville, 3052 Victoria, Australia]

81-007034 Talukdar, S. K.; N. C. Gayen and D. P. Sanyal. FIRST RECORD OF THE SKINK *MABUYA BEDDOMII* (JERDON) [SAURIA: SCINCIDAE] FROM ORISSA, INDIA. *J. Bombay Nat. Hist. Soc.* 74(3):538. Dec. 1977. WR 182
[Zool. Survey India, 27 Chowringhee Rd., Calcutta-700 016, India]

81-007035 Tanner, George W. INFLUENCE OF RANGE IMPROVEMENT PRACTICES ON GOPHER TORTOISE BURROWS. *Fla. Sci.* 44(suppl. 1):35. 1981. Abstract only. WR 182
[School Forest Resour. & Conserv., Univ. Fla., Gainesville 32611] *Gopherus polyphemus*.

81-007036 Taplin, Laurence E. and Gordon C. Grigg. SALT GLANDS IN THE TONGUE OF THE ESTUARINE CROCODILE *CROCODYLUS POROSUS*. *Science* 212(4498):1045-1047. 29 May 1981. WR 182
[School Biol. Sci., Univ. Sydney, Sydney, New South Wales, Australia]

81-007037 Tarsitano, Samuel Francis. PELVIC AND HINDLIMB MUSCULATURE OF ARCHOSAURIAN REPTILES. *Ph.D. dissertation, City Univ. New York* 204p. 1981. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4345. June 1981. WR 182
Gavialis gangeticus.

81-007038 Taylor, B. M. and P. M. C. Davies. CHANGES IN THE WEIGHT DEPENDENCE OF METABOLISM DURING THE SLOUGHING CYCLE OF THE SNAKE *THAMNOPHIS SIRTALIS PARIETALIS*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(1):113-119. 1981. WR 182
[Div. Biol. Sci., Derby Lonsdale Coll. of Higher Education, Kedleston Rd., Derby DE3 1GB, England]

81-007039 Teng, Che-Ming; K'o-Kaung Liao; Jih-Pyang Wang; Huai-San Lin and Chaoho Ouyang. ULTRASTRUCTURAL CHANGES AND RELEASE REACTION OF PLATELETS INDUCED BY AN AGGREGATION INDUCER PURIFIED FROM *TRIMERESURUS MUCROSQUAMATUS* (FORMOSAN HABU) SNAKE VENOM. *Toxicon* 19(1):121-130. 1981. WR 182
[Dep. Pharmacol., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan]

81-007040 Thomas, B. W. *HOPLODACTYLUS RAKIURAE* N.SP. (REPTILIA: GEKKONIDAE) FROM STEWART ISLAND, NEW ZEALAND, AND COMMENTS ON THE TAXONOMIC STATUS OF *HETEROPHOLIS NEBULOSUS* MCCANN. *N.Z. J. Zool.* 8(1):33-47. 1981. WR 182
[Ecol. Div., Dep. Sci. Industrial Res., Private Bag, Nelson, New Zealand]

81-007041 Thomas, Lee. BREEDING RED EARED TERRAPINS AT THE WELSH MOUNTAIN ZOO. *Ratel* 8(1):21-23. 1981. WR 182
Chrysemys scripta elegans.

REPTILES (CONTINUED)

81-007042 Tiedemann, Franz and Michael Häupl. EINE NEUE UNTERART VON *CYRTODACTYLUS KOTSCHYI* VON DEN GRIECHISCHEN INSELN NISOS MAKRI UND NISOS STRONGILI (NW RHODOS). [A NEW SUBSPECIES OF *CYRTODACTYLUS KOTSCHYI* FROM THE GREEK ISLANDS NISOS MAKRI AND NISOS STRONGIL, (NW RHODES).] *Ann. Naturhist. Mus. Wien* 83:539-542. 1979. In German. WR 182
[Naturhist. Mus. Vienna, Burgring 7, Postfach 417, A-1014 Vienna, Austria] *Cyrtodactylus kotschyi bileki*.

81-007043 Tiedemann, Franz and Werner Mayer. EIN BEITRAG ZUR SYSTEMATISCHEN STELLUNG DER SKIROSEIDECHSE. [A CONTRIBUTION TO THE SYSTEMATIC POSITION OF SKIROS LIZARDS.] *Ann. Naturhist. Mus. Wien* 83:543-546. 1979. In German. WR 182
[Naturhist. Mus. Vienna, Burgring 7, Postfach 417, A-1014 Vienna, Austria]

81-007044 Tsai, Inn-Ho; Shih-Hsiung Wu and Tung-Bin Lo. COMPLETE AMINO ACID SEQUENCE OF A PHOSPHOLIPASE A_2 FROM THE VENOM OF *NAJA NAJA ATRA* (TAIWAN COBRA). *Toxicon* 19(1):141-152. 1981. WR 182
[Lo: Inst. Biol. Chem., Acad. Sinica, P.O. Box 23-106, Taipei, Taiwan]

81-007045 Turyn, Daniel; Maria Marques and Juan M. Dellacha. *IN VIVO* EFFECT OF TEMPERATURE ON THE SPECIFIC LIVER UPTAKE AND RENAL DEGRADATION OF LABELED HUMAN GROWTH HORMONE IN THE TURTLE *CHRYSEMYS DORBIGNI*. *Gen. Comp. Endocrinol.* 44(2):171-176. June 1981. WR 182
[Dep. Quím. Biol., Fac. Farm. & Bioquím, Univ. Buenas Aires, Buenas Aires, Argentina]

81-007046 Uchiyama, Minoru; Masayoshi Yoshihara; Toshiki Murakami and Chitaru Oguro. CALCITONIN CONTENT IN THE ULTIMOBRANCHIAL GLAND OF THE SNAKE, *ELAPHE CLIMACOPHORA*: COMPARISON OF ADULTS, YOUNG, AND HATCHLINGS. *Gen. Comp. Endocrinol.* 43(2):259-261. Feb. 1981. WR 182
[Oguro: Dep. Biol., Fac. Sci., Toyama Univ., Toyama 930, Japan] *Elaphe climacophora*.

81-007047 Underwood, Herbert. PARIETALECTOMY AFFECTS PHOTOPERIODIC RESPONSIVENESS IN THERMOREGULATING LIZARDS (*ANOLIS CAROLINENSIS*). *Comp. Biochem. Physiol. A Comp. Physiol.* 69(3):575-578. 1981. WR 182
[Dep. Zool., N.C. State Univ., Raleigh 27650]

81-007048 Vaeth, Randy H. OBSERVATION OF OPHIOPHAGY IN THE WESTERN HOOKNOSE SNAKE, *GYALOPION CANUM*. *Bull. Md. Herpetol. Soc.* 16(3):94-96. Sept. 1980. WR 182
[Mus. Zool., La. State Univ., Baton Rouge 70893]

81-007049 Van Mierop, L. H. S. and Eugene L. Bessette. REPRODUCTION OF THE BALL PYTHON, *PYTHON REGIUS* IN CAPTIVITY. *Herpetol. Rev.* 12(1):20-22. Mar. 1981. WR 182
[Univ. Fla., Coll. Med., Gainesville]

81-007050 Vance, Thomas. A FIELD KEY TO THE WHIPTAIL LIZARDS (GENUS: *CNEMIDOPHORUS*). PART II: THE WHIPTAILS OF MEXICO. *Bull. Md. Herpetol. Soc.* 16(4):121-147. Dec. 1980. WR 182
[Biol. Dep., Navarro Coll., Corsicana, TX 75110]

REPTILES (CONTINUED)

81-007051 Vasisht, H. S. and K. K. Kapila. REPTILIAN FAUNA OF CHANDIGARH AND THE ADJOINING AREAS. *Res. Bull. Panjab Univ.* 28(3-4):213-215. Dec. 1977. WR 182
[Dep. Zool., Panjab Univ., Chandigarh, India]

81-007052 Vaughan, Gary T.; Thomas B. Sculley and Roy Tirrell. ISOLATION OF A HEMOLYTIC, TOXIC PHOSPHOLIPASE FROM THE VENOM OF THE AUSTRALIAN RED-BELLIED BLACK SNAKE (*PSEUDECHIS PORPHYRIACHUS*). *Toxicon* 19(1):95-101. 1981. WR 182
[School Biochem., Univ. New South Wales, Kensington, New South Wales, 2033 Australia]

81-007053 Vitt, Laurie J. and Thomas E. Lacher, Jr. BEHAVIOUR, HABITAT, DIET, AND REPRODUCTION OF THE IGUANID LIZARD *POLYCHRUS ACUTIROSTRIS* IN THE CAATINGA OF NORTHEASTERN BRAZIL. *Herpetologica* 37(1):53-63. Mar. 1981. WR 182
[Mus. Nat. Hist., Univ. Ga., Athens 30602]

81-007054 Vleck, David; Todd T. Gleeson and George A. Bartholomew. OXYGEN CONSUMPTION DURING SWIMMING IN GALAPAGOS MARINE IGUANAS AND ITS ECOLOGICAL CORRELATES. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 141(4):531-536. Mar. 1981. WR 182
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Amblyrhynchus cristatus.*

81-007055 Voris, Harold K. and Mark W. Moffett. SIZE AND PROPORTION RELATIONSHIP BETWEEN THE BEAKED SEA SNAKE AND ITS PREY. *Biotropica* 13(1):15-19. Mar. 1981. WR 182
[Field Mus. Nat. Hist., Chicago, IL 60605] *Enhydrina schistosa* in Malaysia.

81-007056 Walker, J. Martin. POPULATION STRUCTURE AND REPRODUCTIVE CHARACTERISTICS IN *CNENIDOPHORUS PARVISOCIUS* (LACERTILIA: TEIIDAE). *Am. Midl. Nat.* 105(2):217-224. Apr. 1981. WR 182
[Dep. Zool., Univ. Ark., Fayetteville 72701]

81-007057 Ward, Rocky and Ernest H. Harrell. AN ELECTROMECHANICAL METHOD OF MONITORING TONGUE-FLICKERS IN SNAKES. *Herpetol. Rev.* 10(3):87. Sept. 1979. WR 182
[Dep. Psychol., North Tex. State Univ., Denton 76203]

81-007058 Watanabe, Myrna Edelman. AN ETHOLOGICAL STUDY OF THE AMERICAN ALLIGATOR (*ALLIGATOR MISSISSIPPIENSIS* DAUDIN) WITH EMPHASIS ON VOCALIZATIONS AND RESPONSES TO VOCALIZATIONS. *Ph.D. dissertation, New York Univ.* 182p. 1980. From Diss. Abstr. Int. B Sci. Eng. 41(12, Part 1):4417. June 1981. WR 182

81-007059 Weil, Michael R. and Robert D. Aldridge. SEASONAL ANDROGENESIS IN THE MALE WATER SNAKE, *NERODIA SIPEDON*. *Gen. Comp. Endocrinol.* 44(1):44-53. May 1981. WR 182
[Dep. Biol., Univ. Wis., Eau Claire 54701]

REPTILES (CONTINUED)

81-007060 Wellstead, Carl F. BEHAVIORAL OBSERVATION IN BULLSNAKES. *Herpetol. Rev.* 12(1):6. Mar. 1981. WR 182
[Redpath Mus., McGill Univ., 859 Sherbrooke St. West, Montreal, Quebec, Canada H3A 2K6] *Pituophis melanoleucas sayi* in Nebraska.

81-007061 Whitaker, R. and Z. Whitaker. COLLECTION OF A RARE SNAKE IN THE NILGIRIS. *J. Bombay. Nat. Hist. Soc.* 74(3):539. Dec. 1977. WR 182
[Madras Snake Park, Madras-600 022, India] *Xylophis perroteti* in India.

81-007062 Whitaker, Romulus and Zai Whitaker. DISTRIBUTION AND STATUS OF *VARANUS SALVATOR* IN INDIA AND SRI LANKA. *Herpetol. Rev.* 11(3):81-82. Sept. 1980. WR 182
[Madras Snake Park Trust, Madras 600 022, India]

81-007063 Wingert, Willis A.; Tammanur R. Pattabhiraman; Darlene Powers and Findlay E. Russell. EFFECT OF A RATTLESNAKE VENOM (*CROTALUS VIRIDIS HELLERI*) ON BONE MARROW. *Toxicon* 19(1):181-183. 1981. WR 182
[Lab. Neurol. Res., Univ. Southern Calif. Med. Cent., Los Angeles 90033]

81-007064 Wood, Stephen C.; Kjell Johansen; Mogens L. Glass and Reed W. Hoyt. ACID-BASE REGULATION DURING HEATING AND COOLING IN THE LIZARD, *VARANUS EXANTHEMATICUS*. *J. Appl. Physiol.* 50(4):779-783. Apr. 1981. WR 182
[Dep. Physiol., Univ. N. Mex. School Med., Albuquerque 87131]

81-007065 Wunderle, Joseph M., Jr. AVIAN PREDATION UPON *ANOLIS* LIZARDS ON GRENADA, WEST INDIES. *Herpetologica* 37(2):104-108. June 1981. WR 182
[Dep. Zool., P.O. Box 5577, N.C. State Univ., Raleigh 26707]

81-007066 Yarbrough, Benjamin H. II and Charles R. Blem. THYROID METABOLISM IN TWO SOUTH AMERICAN TEIID LIZARDS, *AMEIVA AMEIVA* AND *AMEIVA BIFRONTATA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 69(2):259-265. 1981. WR 182
[Blem: Dep. Biol., Va. Commonwealth Univ., Richmond 32384]

81-007067 Zapata, A.; E. L. Cooper and J. Leceta. PLASMA CELL CLUSTERS IN THE INTERSTITIAL TISSUE OF THE TESTES OF *ACANTHODACTYLUS ERYTHRURUS* (REPTILIA, LACERTIDAE). *J. Comp. Pathol.* 91(2):263-270. Apr. 1981. WR 182
[Dep. Morfol. Microscópica, Fac. Biol., Univ. Complutense, Madrid 3, Spain]

81-007068 Zusman, Neil; Nancy Cafmeyer and Richard A. Hudson. PURIFICATION AND CHARACTERIZATION OF THE CARDIOTOXINS FROM THE VENON OF THE THAILAND COBRA, *NAJA NAJA SIAMENSIS*. *Comp. Biochem. Physiol. B Comp. Biochem.* 69(3):345-351. 1981. WR 182
[Cafmeyer: Biochem. Dep., Univ. South Fla., School Med., Tampa 33612]

Aarnio, Martti
81-005064
Abalain, Jean-Herve
81-005914
Abbas, Dan R.
81-006740
Abdul-Mohaimen, N.
81-005962
Abdulali, Humayun
81-005684
81-005685
81-006437
Abe, A. S.
81-006934
Abramsky, Zvika
81-005179
Acharjyo, L. N.
81-005387
81-006876
81-006877
Adam, F.
81-005081
Adamcik, Robert S.
81-004855
Adams, L. P.
81-006071
Adams, M.
81-005058
Adams, Nelson
81-005146
Adams, Z'S.
81-006860
Addicott, John F.
81-004816
Addison, E. M.
81-005339
Adjovi, Yvette
81-006861
91-006915
Adkisson, Curtis S.
81-006525
Adler, Martin W.
81-005088
Afolayan, T. A.
81-004856
Ahlgren, Simo
81-005125
Ahlund, Matti
81-006542
Ahmad, Yusof
81-006470
Aidara, D.
81-005564
Ainley, David G.
81-005404
Aitken, R. J.
81-005356
81-005475
Ajayi, S. S.
81-004856
Akhtar, F. Bint
81-006865
Al Falluji, M. M.
81-005940

...CONTINUED...
Al Falluji, M. M.
81-005963
Al Sheikhly, F.
81-005940
81-005963
Al-Abdulla, J. M.
81-005962
Alberto, L. J.
81-005844
Albonetti, Emanuela
81-005952
Albov, S. A.
81-005267
Aldrich, J. M.
81-004854
Aldridge, Robert D.
81-007059
Alendal, Einar
81-005518
Alexander, Maurice M.
81-007001
81-007002
Alexander, R. McNeill
81-004922
Alford, J. A.
81-006072
Algom, Daniel
81-006798
Ali, M. A.
81-004807
Allain, D.
81-005376
Allais, Catherine
81-005376
Allen, George T.
81-006349
81-006371
Alonso Martinez, J. L.
81-005878
Alpaugh, Walter C.
81-006862
Alstrom, Per
81-006073
Altenbach, J. Scott
81-004942
Altmann, Dagmar
81-005476
Altmuller, R.
81-006278
Altschuler, E. M.
81-005263
Alway, J. H.
81-005915
Amet, Yolande
81-005914
Amlaner, Charles J., Jr.
81-006074
Ammann, Alex
81-004915
Ammaun, Hartmann
81-005547
Amores, F.
81-005349

Amoroso, Emmanuel C.
81-005007
Amundson, T. E.
81-004947
Andelt, Frank
81-004851
Andersen, Douglas C.
81-005181
Andersen, Douglas Craig
81-005180
Anderson, Bertin W.
81-005742
81-005762
Anderson, Brian D.
81-006488
Anderson, Clifford M.
81-006279
Anderson, Elaine
81-005381
Anderson, James O.
81-006685
Anderson, Jan
81-006489
Anderson, Jay E.
81-005073
Anderson, John F.
81-004752
Anderson, R. A.
81-006864
Anderson, Robert J.
81-006280
Anderson, Stanley H.
81-005661
Andersson, Bertil
81-005182
Andersson, C. Bertil
81-005223
Andersson, Esko
81-005457
Andersson, Malte
81-005764
Andre, John B.
81-004892
Andreassen, J.
81-005147
Andreev, A. V.
81-006075
Andren, Claes
81-006863
Andreu-Jutglas, C.
81-004783
Andrews, Richard V.
81-005183
Andrews, Robert W.
81-005820
Annegarn, Harold J.
81-006354
Ansersson, Mats
81-005066
Antas, Paulo de Tarso Z.
81-005824
Antonelis, George A., Jr.
81-005350
Antrim, James G.
81-005350
Applegarth, John S.
81-007032
Aquadro, Charles F.
81-005140
Ar, A.
81-005299
Archibald, George W.
81-006176
Arendt, T. D.
81-006025
Arlettaz, Raphael
81-006686
Armstrong, Robert B.
81-004929
81-005540
Arroyo, J. J.
81-005204
Arslan, M.
81-006865
Art, Gregory R.
81-006904
Arvin, Delano Z.
81-006438
Aschoff, Jurgen
81-005765
Ashwell, David
81-005783
Asphjell, Johan Age
81-006281
Atkins, Natasha
81-006101
Atkinson, I. A. E.
81-006687
Attwell, C. A. M.
81-005519
81-005520
Atwood, Jonathan L.
81-005675
81-006439
Atwood, N. Duane
81-004764
Auffenberg, Walter
81-006732
Aulerich, Richard J.
81-005330
81-005352
81-005382
Avalos, Diana E.
81-005215
Avery, Mark
81-006575
Avise, John C.
81-005140
Awad, Ezzat R.
81-006970
Axtell, Ralph W.
81-006866
Ayeni, J. S. O.
81-004856
Azab, Magda H.
81-006971

Babenko, V. G.
81-006490
Babinska-Werka, Joanna
81-005184
81-005185
Baby, T. G.
81-006867
Bachmann, K.
81-006834
Bacon, P.
81-006062
Baddaloo, E. G. Y.
81-005186
Badir, N.
81-006922
Baharav, Dan
81-005521
Bahnak, Bruce Robert
81-005458
Bailey, R. E.
81-004952
Bailey, Theodore N.
81-006034
Bailey, Winston J.
81-006750
Bajwa, S. S.
81-006868
Baker, Ann Eileen Miller
81-005148
Baker, C. Scott
81-005405
Baker, James A.
81-004827
81-006283
Baker, Myron Charles
81-005672
81-006491
Baker, R. Robin
81-005251
Baker, Randy E.
81-006933
Baker, Robert J.
81-005187
Baker, Rollin H.
81-005383
Baker, Steven C.
81-006751
Bakke, Tor A.
81-006033
Bakker, Th. C. M.
81-005176
Bakst, Murray R.
81-005924
Balaffi, J. L.
81-006752
Balazs, George H.
81-006869
Balda, Russell P.
81-006440
Ball, J. N.
81-006733
Ballard, Warren B.
81-005477
Balph, David F.
81-005673
Balph, Martha Hatch
81-005673
81-005825
Balthazart-Raze, Claire
81-005942
Balthazart, J.
81-005941
Balthazart, Jacques
81-005942
Bamberg, E.
81-006969
Bandoli, James H.
81-005188
Bangs, Edward E.
81-006034
Bankir, L.
81-005202
Bannasch, Frank
81-005879
81-006284
81-006492
Bannasch, Rudolf
81-005766
Banz, Konrad
81-005686
Baptist, H. J. M.
81-005989
Baptist, Henk
81-006077
Baptista, Luis F.
81-006493
Barattini, Silvana
81-005943
Barbault, Robert
81-006734
Barclay, R. M. R.
81-005016
Barger, Anne E.
81-005853
Barichello, N. L.
81-006285
Barker, W. T.
81-005905
Barnard, C. C.
81-006286
Barnard, C. J.
81-006494
Barnes, A. M.
81-004949
81-004952
Barnes, D. M.
81-006025
Barnes, Maryann Dingledy
81-006753
Barnett, Richard K.
81-005187
Barnett, S. A.
81-005149
81-005173
Baron, Georg
81-005565

Barr, Albert L.
81-006317
Barrett, Gary W.
81-005157
Barrowclough, George F.
81-006248
Barry, William J.
81-005692
Barta, Zdenek
81-006282
Bartelme, James W.
81-006324
Barten, Stephen L.
81-006870
Barth, Edvard K.
81-005845
81-006287
Bartholomew, George A.
81-005094
81-006078
81-007054
Bartlett, R. D.
81-006871
Bartmann, Wolf
81-005388
Bartnicki, Eugene A.
81-005944
Basile, Joseph V.
81-005478
Baskett, Thomas S.
81-005960
Baskin, Gary B.
81-005566
Bassin, Philippe
81-006495
Battisti, Benedetta
81-005943
Batzli, George O.
81-005239
Baudoin, Claude
81-005305
Baudoin, Gerard
81-004840
Baumer-Marz, Claudia
81-006641
Baur, S.
81-006079
Baverstock, P. R.
81-005058
Baxter, R. M.
81-004993
81-004994
81-005003
Bayer, Range D.
81-006080
Bea, A.
81-006735
Beasley, Laura J.
81-005189
Beattie, W. P.
81-005784
Beauchamp, Gary K.
81-005216
Beaver, Rick D.
81-006249
Beaver, Thomas D.
81-005461
Beckel, Annamarie L.
81-004817
Becker, Peter H.
81-005846
Beckman, Alexander L.
81-005088
Bedggood, George W.
81-006496
Behrisch, Hans W.
81-005115
Beier, John C.
81-006497
Beiger, G.
81-005453
Bekken, Jon
81-006653
Bekoff, Marc
81-005338
Bell, C. J.
81-006872
Bell, G. P.
81-005027
Bell, Ralph K.
81-005831
Bellrose, Frank C.
81-005979
Belwood, J. J.
81-005017
Bendova, Eva
81-004878
Bennett, Albert F.
81-006081
81-006825
81-006873
Bennett, E. L.
81-006909
Bennett, Gordon F.
81-006035
Benoit, Francis
81-006288
Bent, Gijs van der
81-006498
Benz, Gerald W.
81-005199
Benzinger, John
81-006655
Berchielli, Louis T., Jr.
81-005318
Berg-Schlosser, Gerhard
81-005687
Berg, Arnoud B. van den
81-006499
Berger, Gotthart
81-006082
Berger, P. J.
81-006874
Bergeron, Jean-Marie
81-005319
Bergier, Patrick
81-006289

Bergman, Anders
81-006593
Bergman, Goran
81-006083
Bergmans, W.
81-005018
Bergstedt, Terry
81-006740
Bergstrom, Robert C.
81-005089
Bernasek, Vladimir
81-004958
Berns, Vernon D.
81-006034
Bernstein, Neil P.
81-006250
81-006251
Berressem, Karl-Georg
81-006642
Berry, G. N.
81-006875
Berry, M. P. S.
81-005320
Berry, R. J.
81-005150
Berthold, Peter
81-006500
Bertin, Robert Ian
81-006688
Bertram, B. C. R.
81-006689
Bertram, Brian C. R.
81-005785
81-006690
Bertran, G.
81-006616
Beser, Herman J.
81-005826
Bessette, Eugene L.
81-007049
Best, Robin C.
81-005340
Beteille, M.
81-005847
Betterton, Christine
81-004948
Bettesworth, Derek
81-004818
Beveridge, I.
81-004964
81-004965
Beveridge, Ian
81-005190
Beverley-Burton, Mary
81-005315
Beyer, Richard H.
81-004862
Bhaduri, Jnanendra Lal
81-006754
Biagio, R.
81-005643
Bickford, Arthur A.
81-005853
Bickham, John W.
81-006896
Bielefeldt, John
81-006501
Bielert, C.
81-005567
Biermann, Gloria C.
81-006441
Bigalke, R. C.
81-005527
81-005528
Bigg, Robin
81-006085
Biggs, Harry
81-006290
Bigler, William J.
81-005038
Bill, Peggy
81-006291
Bingham, LaMonte C.
81-004728
Bintz, Gary L.
81-005090
Birchard, Geoffrey F.
81-005911
Birkeland, Knut H.
81-005389
Birkenstein, Lillian R.
81-005662
Birkhead, T. R.
81-006252
Birnstein, V. J.
81-006755
Bishop, Naomi H.
81-005568
Bismark
81-005569
Biswas, S.
81-006876
81-006877
Bjerke, Tore K.
81-006502
Bjorge, Ronald R.
81-005351
Black, Elizabeth A.
81-006292
Black, Hal L.
81-006410
Black, S. D.
81-006802
Blackwell, R.
81-004893
Blake, B. J.
81-005581
Blakley, G. A.
81-005600
Blanc, Ch. P.
81-006878
Blanchard, Robert
81-005171
Blankert, J. J. (Han)
81-006503
81-006504

Blankespoor, Harvey D.
81-006478
Bleavins, Michael R.
81-005352
Blem, Charles R.
81-006879
81-007066
Blenden, Peggy Books
81-005960
Blomqvist, Leif
81-005390
Blomqvist, Ralf
81-006036
Blouch, Raleigh A.
81-006880
Blum, Volker
81-006833
Blumer, Evan S.
81-005580
Blus, Lawrence J.
81-006086
Boag, D. A.
81-005915
Board, R. G.
81-005767
Board, Ronald G.
81-006008
Bockhardt, Ingrid
81-004954
81-005335
Boggs, Dona F.
81-005911
Boggs, Dona Fawcett
81-005768
Bohme, Rolf
81-006076
Boice, Robert
81-005146
Boigegrain, R.-A.
81-004943
Boissin, J.
81-005512
Bolch, Eddie
81-005341
Bolin, R. A.
81-004949
Bollingmo, Tor
81-004870
81-006293
Bond, Hedley W.
81-006691
Bondo, Georg
81-005431
Bonnin, M.
81-005355
81-005356
Boone, D. Daniel
81-006505
Boraski, Edward A.
81-005570
Borisov, V. I.
81-005406
81-005407
Borowski, Stanislaw
81-004999
Borrecco, John E.
81-005264
Borrmann, Klaus
81-006198
Borror, Arthur C.
81-005688
Borut, A.
81-005226
Bosco, Luigi
81-006756
Boshe, J. I.
81-005522
Boshier, D. P.
81-005408
Boshoff, A. F.
81-006294
81-006295
Bosman, Cecilia A. W.
81-006499
Bosman, D. H.
81-005046
Bothma, J. du P.
81-005401
Bottoni, L.
81-006442
Bou-Resli, M. N.
81-006881
Bouchner, Miroslav
81-005899
Boudreault, Armand
81-005871
Bourn, D. M.
81-006988
Bourne, W. R. P.
81-005689
Bourquin, O.
81-006736
Bouvier, Michel
81-006087
Bovee, K. C.
81-005321
Bowden, Christopher
81-004777
Bowen, G. S.
81-004949
81-004952
Bowen, W. Don
81-005322
81-005409
Bower, Susan M.
81-005019
Boyce, J. T.
81-005571
81-005600
81-005609
Boyd, Ian L.
81-005523
Boyd, R. Lee
81-005353
Boyd, Roger L.
81-006088

Boylan, R. J.
81-005926
Brack, M.
81-005572
81-005573
Braddock, N. J.
81-005707
Bradley, Eric L.
81-005191
Bradshaw, S. D.
81-006882
81-007019
Brady, Charles A.
81-005126
Brain, Joseph D.
81-006938
Brainard, G. C.
81-005273
Braithwaite, Richard W.
81-004966
Bramble, Dennis M.
81-006956
Bramblett, Claud A.
81-005574
81-005585
Bramham, Clive R.
81-006916
Branch, W. R.
81-006883
81-006884
Brandon, Ronald A.
81-006757
Braun, Clait E.
81-006118
Breed, W. G.
81-005192
81-005284
Breen, Lorraine L.
81-005969
Brehm, P.
81-006805
Breininger, David R.
81-006443
Breiwick, Jeffery M
81-005410
Brenner, Fred J.
81-005091
Brenowitz, Eliot A.
81-006444
81-006445
Brewer, A.
81-006446
Brewer, Larry W.
81-005674
Brglez, J.
81-005991
Briggs, K. B.
81-006089
Briggs, Kenneth T.
81-006253
Brink, Jan van den
81-005391
Brink, V. C.
81-004857
Brink, W. Jan Van Den
81-005524
Briscoe, D. A.
81-005214
Bristol, John R.
81-005289
81-005992
Britton, H. A.
81-005690
81-005691
Britton, P. L.
81-005691
81-006184
Brock, Kenneth J.
81-006090
81-006296
Brockmann, Lester C.
81-004738
Broekhuizen, Sim
81-005065
Bronson, R. T.
81-005581
Brooks, Daniel R.
81-006885
Brooks, J. F.
81-004729
Brooks, Ronald J.
81-004827
81-005309
81-006283
Brooks, William S.
81-004907
Brosnan, M. F.
81-005655
Brower, Lincoln P.
81-005881
Brown, Arthur V.
81-006758
81-006759
Brown, Christopher R.
81-006886
Brown, D. Mark
81-005737
Brown, David E.
81-005459
81-005525
Brown, George W.
81-006297
Brown, Gregory G.
81-005151
Brown, J. Willcox
81-005127
Brown, James H.
81-006691
Brown, Jerram L.
81-005786
Brown, Kent L.
81-007022
Brown, Leslie
81-006298
Brown, Leslie H.
81-004831
Brown, Linda J.
81-005193

Brown, Peter
81-004777
Brown, Tommy L.
81-005342
81-005460
Brown, W. H.
81-005880
Brown, William S.
81-006887
Brownell, R. L., Jr.
81-005420
Browning, Nancy G.
81-006506
Bruce, Anna M.
81-006280
Bruggers, R.
81-005883
Bruggers, Richard L.
81-006507
Brummer, Barbara Joan
81-006888
Bruner, Philip
81-006141
Bruner, Phillip L.
81-006142
Brunn, Bertel
81-006299
Brunner, Jim
81-004851
Brushko, Z. K.
81-006889
Bryant, Peter J.
81-005411
Bryant, Toni B.
81-005411
Bryden, M. M
81-005420
Bub, Hans
81-005945
Bucher, Theresa L.
81-006692
Buchler, E. R.
81-005020
Buduk-Ool, L. K.
81-006462
Bueno, L.
81-005354
Bueno, Rudy
81-005992
Buisson, M.
81-004959
Bulger, Ruth Ellen
81-005263
Bull, John
81-006254
81-006299
Bullock, B. C.
81-005640
Bunnell, F. L.
81-004749
81-004784
81-005360
81-006255

...CONTINUED...
Bunnell, F. L.
81-006285
Bunnell, Fred L.
81-005526
Bunyak, Steven C.
81-005630
Burch, N.
81-005207
Burger, A. E.
81-006689
Burger, Alan E.
81-006690
Burger, B. V.
81-005527
81-005528
Burger, Joanna
81-005793
81-006091
81-006092
81-006508
Burgess, E. C.
81-005993
Burkholder, Peter M.
81-005575
Burns, Frank
81-004849
Burns, John M.
81-005021
Burr, Elisha W.
81-006693
Burrows, C. J.
81-006694
Burt, M. D. B.
81-005392
Burton, G. J.
81-005576
Busby, D. G.
81-005848
Busch, David E.
81-006300
Bush, M.
81-005321
Busse, Horst
81-005787
81-006364
Bustard, H. R.
81-006890
81-006891
81-006892
81-006893
81-006894
Butcher, Gregory S.
81-005692
81-006447
Butler, David G.
81-006032
Butler, R. G.
81-005861
Butler, Robert W.
81-006484
Butner, K. A.
81-006802
Butterworth, Eric W.
81-005315

Buxton, N. E.
81-005994
Byers, Steven M.
81-005995
Byfield, Lyle L.
81-006509
Bylund, G.
81-005479
Byrd, Kenneth E.
81-005577
Byrkjedal, Ingvar
81-006003
81-006093
81-006301
81-006510
Cabot, D. C.
81-005973
Caccamise, Donald F.
81-006464
Cadbury, C. J.
81-006695
Cadwell, L. L.
81-006313
Cafmeyer, Nancy
81-007068
Cain, Brian W.
81-006029
Caine, Chip
81-005579
Caine, Nancy G.
81-005578
81-005579
Caire, William
81-005022
Calaby, J. H.
81-004927
81-004967
Calder, W. A. III
81-004811
Caldwell, Gloria Sullivan
81-006094
Caldwell, Janalee P.
81-007022
Caldwell, Patrick J.
81-006242
Calisher, C. H.
81-004949
81-004952
Call, Mayo W.
81-006375
Callard, I. P.
81-006752
Callard, Ian P.
81-006954
Callinan, R. B.
81-004968
Camazine, Brian
81-006931
Camilliere, James J.
81-006818
Campbell, G. A.
81-005092
Campbell, Thomas M. III
81-005093
Canadian Land Reclamation Association
81-004871
Canaris, Albert G.
81-005992
Candland, Douglas K.
81-005580
Canivenc, R.
81-005355
81-005356
Cannata, M. A.
81-006760
Cannings, Richard J.
81-006511
Cannon, L. R. G.
81-006875
Cannon, Richard W.
81-005895
Canziani, Gabriela A.
81-006760
Capanna, Ernesto
81-004995
Capstick, Charles K.
81-005409
Carey, Cynthia
81-006525
Carey, Robert C.
81-004863
Carlisle, Tamsie R.
81-004819
Carlson, John T.
81-006761
Carnduff, D.
81-006095
Carnes, Bruce Alfred
81-005194
Carothers, Steven W.
81-004910
Carpenter, James W.
81-005771
81-005958
Carpenter, Thomas W.
81-006512
Carr, John L.
81-006895
81-006896
Carrera, G.
81-004943
81-004944
Carter, Jeffrey L.
81-005195
Caruso, Joseph
81-005304
Casalis de Pury, R. J.
81-005996
Case, Ted J.
81-005647
Casey, H. W.
81-005612
Castanet, J.
81-006897
Castanet, Jacques
81-006734
Castellini, Michael A.
81-004912

Castilonia, Raymond Richard
81-006898
Cave, A. J. E.
81-005529
Cedard, L.
81-005925
Cervetto, L.
81-005943
Chakrabarti, Kalyan
81-005393
Chalifoux, L. V.
81-005581
Chandler, J. H., Jr.
81-004833
Chandola, Asha
81-006651
Chandran, P. R.
81-005530
Chandrashekaran, M. K.
81-005045
Channing, A.
81-006736
Chapman, A.
81-006966
Chapman, Douglas G.
81-005410
Chapman, Verne M.
81-005161
Chappell, Mark A.
81-005094
Charles, A. K.
81-006899
81-006900
Charnock, J. S.
81-005114
Chavan, Sanat A.
81-005394
Chen, Been-Yuan
81-006901
Cheney, Dorothy L.
81-005582
Cheng, M.-F.
81-005941
Cheng, Mei-Fang
81-005942
Chentzova, N. Yu.
81-005254
Chevins, P. F. D.
81-005170
Chew, Lincoln
81-005967
81-006513
Cheylan, Gilles
81-006289
Child, Peter
81-005693
81-005694
Childs, S. B.
81-005020
Chiodini, Rodrick J.
81-006737
Chitampalli, M. B.
81-005946
Chotolchu, Namshil
81-005357
Choudhury, B. C.
81-006892
Christen, M. F.
81-005134
Christensen, Bruce M.
81-006762
Christian, Donald P.
81-005196
Christian, Keith A.
81-006902
Christman, R. J.
81-006514
Christman, Steven P.
81-006903
Churchfield, Sara
81-004996
81-004997
Cirne, Bario R.
81-006763
Claassen, Helgard
81-005540
Clapp, Roger B.
81-005827
Clark, David B.
81-005152
Clark, Donald R., Jr.
81-004940
81-004941
Clark, George A., Jr.
81-006432
Clark, N. A.
81-006096
Clark, Nancy B.
81-006974
Clark, Tim W.
81-005093
Clark, W. C.
81-006696
Clarke, Stephen H.
81-005342
Clarke, William P.
81-005095
Claussen, Dennis L.
81-006904
Clemens, E.
81-005628
Clemens, E. T.
81-005583
81-005584
Cleveland, Glenn D.
81-006985
Clinning, Charles
81-006290
Clout, M. N.
81-005153
81-005695
Clulow, F. V.
81-005186
Clutton-Brock, T. H.
81-004920
81-005608

Cockburn, Andrew
81-005141
Coelho, Anthony M., Jr.
81-005574
81-005585
Cogar, Virginia Faye
81-005896
Coggins, James R.
81-005023
Colahan, B. D.
81-006515
Cole, F. Russell
81-005215
Coleman, M. S.
81-005653
Coles, R. B.
81-005918
Collie, M. H.
81-005367
Collins, Charles T.
81-005675
Collins, Joseph T.
81-006764
Collins, William E.
81-005586
81-005587
Colonnier, M.
81-004808
Colton, Sabin W. VI
81-004919
Colvin, Bruce A.
81-006302
Combs, Dan
81-005737
Comer, Christopher
81-006765
81-006766
81-006767
Commarmot, Brigitte
81-005197
Condrea, Eleonora
81-006905
Condy, P. R.
81-005412
Cone, Susan G.
81-005622
Conley, Walt
81-005265
81-005543
Conlogue, Gerald J.
81-006996
81-007012
Connor, Richard N.
81-005663
81-006697
Connors, Peter G.
81-006097
Conrad, Bernd
81-005846
Conroy, Carol
81-005024
Contacos, Peter G.
81-005586
Contreras, Julio R.
81-005769
Contreras, Julio Rafael
81-005198
81-006516
Coombs, C. F. B.
81-005947
Coon, Nancy C.
81-005849
Coon, Richard A.
81-005948
Cooper, Christine
81-006517
Cooper, E. L.
81-007067
Cooper, J. E.
81-006738
Cooper, R. M.
81-005696
Cooper, Richard
81-006517
Copper, William A.
81-006523
Corbett, L. K.
81-005392
Corbin, Kendall W.
81-006248
Corkum, Kenneth C.
81-004955
Cormack, Richard M.
81-005841
Corn, Carolyn
81-005145
Cornell, Lanny H.
81-005350
Corrick, A. H.
81-005997
Corruccini, Robert S.
81-005588
Coulson, J. C.
81-006098
Coulson, Roland A.
81-004809
Coulter, Alan R.
81-007033
Courtin, S. L.
81-005395
81-005482
Coverdale, M. A. C.
81-005691
Cowan, Alan
81-004760
Cowan, Ian McTaggart
81-004785
Cowardin, Lewis M.
81-004756
Cowie, Richard J.
81-006575
Cox, Beverley L.
81-005022
Cozzi, Carol A.
81-006906
Crabb, James A.
81-004730

Craft, Carolyn
81-006497
Craig, A.
81-006515
Craig, A. J. F. K.
81-006518
Craig, John L.
81-006519
Craig, R. B.
81-006520
Crete, Michel
81-005480
Creutz, Gerhard
81-006099
Cribiu, E. P.
81-005531
Crocoll, Scott
81-006303
Crompton, Robert C.
81-005979
Cronshaw, James
81-005854
Crowther, George
81-004936
Crump, Martha L.
81-006768
Cruz-Orive, Luis M.
81-004933
Cullen, John M.
81-005067
Cunningham, Harry N., Jr.
81-006744
Current, William L.
81-005199
Currie, M. H.
81-006295
Czaplewski, Nicholas J.
81-004910
Czeczuga, Bazyli
81-005200
D'Acci, Tim P.
81-006348
Da Moude, Dean W.
81-004731
Da Prato, S. R. D.
81-006698
da Prato, Susan
81-006521
da Silva, L. Pereira
81-005605
Dabelsteen, Torben
81-006522
Daciuk, Juan
81-004765
81-004766
81-004804
81-006907
Dahlback, Magnus
81-005066
Dahlsten, Donald L.
81-006523
Dalrymple, George H.
81-006748
Damuth, John
81-004894
Dandrifosse, G.
81-006355
Daniel, Jean-Yves
81-005914
Daniel, Joseph C., Jr.
81-005413
Daniels, Kathleen
81-006304
Danko, Doris
81-006954
Dantuma, R.
81-005077
Daoust, P. Y.
81-005358
Das, G. M.
81-006908
Dashevsky, B. A.
81-006462
Dathe, Heinrich
81-005697
Dathe, Rosemarie
81-005589
Davey, Peter
81-005396
David, A. C. F.
81-005689
Davidson, Cherilynn
81-005579
Davidson, William R.
81-005348
Davies, Marjorie
81-005359
Davies, N. B.
81-006524
Davies, P. M. C.
81-006909
81-007038
Davies, Yolanda E.
81-005769
Davis, Gary E.
81-004864
Davis, J. E.
81-006305
Davis, P. E.
81-006305
81-006373
Davis, R. A.
81-005414
81-006910
81-006911
Davis, R. M.
81-005201
Davis, Randall William
81-005415
Davis, Simon J. M.
81-004913
81-005532
81-005533
Davison, G. W. H.
81-005930
Dawaa, Naniragijn
81-005357

Dawson, Steven A.
81-006274
Dawson, W. R.
81-006192
Dawson, William R.
81-006078
81-006081
81-006525
Daxner-Hock, Gudrun
81-004895
Dayton, Arthur D.
81-006506
de Araujo, Dorothy Sue Dunn
81-004767
de Boer, P.
81-005154
de Buffrenil, V.
81-006912
de Jong, Wilfried W.
81-006913
De Jonge, Gerrit
81-005590
de Rouffignac, C.
81-005202
De Salle, Rob
81-005276
de Villafane, Gloria
81-005082
81-005203
Dean, Jeffrey N.
81-006914
Dean, Robert H.
81-006896
DeAngelis, D. L.
81-006520
Debout, G.
81-005698
Debus, Stephen J. S.
81-006306
Decker, Daniel J.
81-005342
81-005460
Deckert, Gisela
81-006448
DeGange, Anthony R.
81-006272
Degn, Hans Jorgen
81-005047
DeJong, Michael J.
81-006534
Delap, Ella
81-006526
81-006699
Delibes, M.
81-005204
Dell, J.
81-006966
Dellacha, Juan M.
81-007045
Delsol, Michel
81-006776
81-006847
Demartis, Attilio Mocci
81-005699
DeMaster, Douglas P.
81-005416
Demeneix, Barbara A.
81-005101
Demers, Pierre
81-005319
Demmer, Juanita L.
81-005842
Deppe, Hans-Joachim
81-004779
Derache, R.
81-004943
Derksen, Dirk V.
81-006000
Desgranges, Jean-Luc
81-005970
Deshpande, S. S.
81-006899
Desmet, Jean-Francois
81-006527
Deubbert, Harold F.
81-005700
Deunert, Jurgen
81-006528
DeWeese, James E.
81-006983
Dewsbury, Donald A.
81-005205
Dexter, Ralph W.
81-006449
Dhondt, Andre A.
81-006529
Dick, T. A.
81-005897
Dick, William
81-006113
Dickerman, Robert W.
81-005025
Dickson, James G.
81-005663
81-005818
Dieckmann, R. C.
81-006395
Diederen, J. H. B.
81-006769
Dienske, Herman
81-005590
Diesch, S. L.
81-006793
Dieter, Michael P.
81-005849
Dietz, J.
81-005321
Dilber, D. S.
81-005144
Dimmick, Ralph W.
81-005912
81-006418
Diniz, Carlos R.
81-006981
Dinsmore, Charles E.
81-006770
Dittami, J.
81-006457

Dittberner, Hartmut
81-006530
Dittberner, Winfried
81-006530
Dittrich, Lothar
81-004998
Dittrich, Werner
81-006450
Dixon, Alexandria
81-005534
Dixon, Fiona
81-006098
Dixon, K. E.
81-006771
Dixon, K. R.
81-006520
Dixson, A. F.
81-005591
81-005592
Dmitriev, P. P.
81-004896
Dobie, James L.
81-007021
Dobyan, Dennis C.
81-005263
Doerr-Schott, Jeannine
81-006772
Doherty, M. J.
81-006773
Dole, Jim W.
81-006774
Donavan, Lois Ann
81-006775
Dong, S.
81-005263
Doremus, Craig
81-004875
Dornbusch, Max
81-005788
Dorris, Martha
81-006806
Dorward, W. J.
81-005363
Douglas, Murray E.
81-006519
Douglass, E. Michael
81-005872
Dowell, Andrew
81-006307
Dowler, Robert C.
81-005208
Downey, Robert J.
81-005461
Downing, B. H.
81-004732
Downing, Donald T.
81-004919
Drewien, Roderick C.
81-005891
Driessche, Willy Van
81-006858
Drinnan, R. L.
81-005417
Droger, Horst K.
81-006100
Drozdz, Andrzej
81-005481
Dubois, Georges
81-005873
Dubois, M. P.
81-005601
Dubois, Maurice P.
81-006772
Dubost, Gerard
81-005535
Dubouch, Pierre
81-005619
Dubrovolny, C.
81-006793
Ducey, Jim
81-006323
Dudley, C. O.
81-004768
Dudzinski, M. L.
81-004975
Duffy, David C.
81-006101
Duguy, R.
81-005433
Duke, G. E.
81-006304
Dulaney, Michael
81-005323
Dunaeva, T. N.
81-005267
Dunbar, D.
81-006255
Dunbar, R. I. M.
81-005593
Duncan, Lucy
81-006700
Duncan, Neil
81-006102
Duncan, Robert A.
81-005701
81-006103
81-006700
Dung, H. R.
81-005159
Dunker, Henning
81-005324
Dunson, William A.
81-006916
Dupe-Godet, Mireille
81-006915
Dusi, Julian L.
81-005326
81-005737
Duval, Renee L.
81-004756
81-004757
Duvall, David
81-006823
Dzieciolowski, Ryszard
81-004869
81-005456

Eaker, David
81-006978
Earle, R. A.
81-005949
East, Marion
81-006531
Easthope, Christopher A.
81-006007
Eastin, William C., Jr.
81-005864
Eastzer, David H.
81-006486
Eatock, R. A.
81-006917
81-006918
Ebbesson, Sven O. E.
81-006919
81-006920
Eckert, Kim
81-006104
81-006105
81-006532
81-006533
Eckhardt, Ronald A.
81-006829
Economos, Angelos C.
81-004914
Edungbola, Luke D.
81-005026
Edwards, A. J.
81-006256
Egoscue, Harold J.
81-005206
Ehrhart, L. M.
81-006921
81-007030
Eiberle, K.
81-005207
Eichhorn, Larry C.
81-005760
Eidam, Ulrich
81-005702
Ekelof, Olaf
81-006576
El Ridi, R.
81-006922
El Rouby, S.
81-006922
Elder, William H.
81-006318
Eldridge, W. D.
81-005395
81-005482
Elgert, Barbro
81-005898
Elgmork, Kare
81-005343
Elisberg, Bennett L.
81-005118
Elkan, E.
81-006738
Ellinger, Mark S.
81-006761
Elliott, C. L.
81-005068
Elliott, Charles L.
81-005096
Elliott, Heather
81-005418
Elliott, R. E.
81-006106
Ellsworth, Adelaide F.
81-005998
Ellsworth, Mary L.
81-005998
Elo, Heikki A.
81-005775
Emlen, John T.
81-006534
Emlen, Stephen T.
81-005789
Enders, A. C.
81-004928
English, A. W.
81-005483
English, Walter
81-006308
Engstrom, Mark D.
81-005208
Engstrom, R. Todd
81-005676
Enomoto, Tomoo
81-005594
Epple, Gisela
81-005595
Epstein, Robert
81-005950
Erasmus, T.
81-005850
Erdmann, Gunter
81-006451
Ericsson, Stefan
81-006535
Eriksson, Margareta
81-005209
81-005210
81-005211
Ermakova, T. V.
81-004814
Ernst, Carl H.
81-006923
Ernst, J. E.
81-004733
Ernst, John V.
81-005199
Erskine, Dale J.
81-006924
Esbroeck, Jacques van
81-006309
Escalante, Rodolfo
81-006060
Escudero, J.
81-005546
Espmark, Yngve
81-004934
81-005484

...CONTINUED...
Espmark, Yngve
81-006536
Esslinger, J. H.
81-005596
Estes, James A.
81-005416
Ettel, Edith
81-006227
Evans, B. K.
81-006874
Evans, P. R.
81-006107
Everitt, Barry J.
81-005636
Ewald, Paul W.
81-006701
Ewell, Albert H., Jr.
81-005067
Exbrayat, Jean-Marie
81-006776
Eyckerman, Roman
81-006529
Faaborg, John
81-004858
Faanes, Craig A.
81-005703
81-006452
Fagerholm, H.-P.
81-005479
Fagerholm, Hans-Peter
81-006010
Fairall, N.
81-006108
Fairbairn, Patrick
81-005951
Fairchild, Lincoln
81-006777
Fanning, F. Dominic
81-004969
81-004970
Farag, Nagi W.
81-006970
81-006971
Farner, Donald S.
81-006646
Faro, James B.
81-005416
Farr, A. C. M.
81-005360
Farsund, Reidar
81-006037
Fasolo, Aldo
81-006778
Fauci, Joseph
81-006925
Feare, Christopher J.
81-004769
81-005704
Fedyk, Anna
81-005212
Fedyk, Stanislaw
81-004999
Feer, Francois
81-005535
Feldhamer, George A.
81-005155
Felten, Heinz
81-005063
Fenton, M. B.
81-005016
81-005027
Ferguson, M. W. J.
81-006926
81-006927
Ferguson, Mark W. J.
81-006928
Fernandez, Y.
81-004944
Fernando, M. A.
81-006054
Fernex, Michel
81-006310
Ferns, P. N.
81-004872
81-004935
81-006109
Ferns, Peter N.
81-005213
Ferrell, Thomas L.
81-005597
Ferron, Jean
81-005097
Feuer, Robert C.
81-006929
Field, J.
81-005613
Fielder, Paul C.
81-006311
Filoni, Sergio
81-006756
Findholt, Scott
81-006257
Fink, Linda S.
81-005881
Finley, Kerwin J.
81-005741
Fioramonti, J.
81-005354
Fischer, Wolfgang
81-005598
81-005697
81-006312
Fischthal, Jacob H.
81-004950
Fiscus, Clifford H.
81-005446
Fiser, Zdenek
81-005899
Fishel, S. B.
81-005085
Fisher, H. D.
81-005451
Fitch, Henry S.
81-006947
Fitzharris, Tim
81-005705
Fitzner, R. E.
81-006313

Fitzner, Richard E.
81-006314
Fitzpatrick, John W.
81-005790
Fitzpatrick, Lloyd C.
81-006758
81-006759
Fjeldsa, Jon
81-006453
Flake, Lester D.
81-004865
Flatin, Janine
81-006776
Fleet, Robert R.
81-005663
Flegg, J. J. M.
81-006062
Fleming, D.
81-005591
Fleming, Michael W.
81-004971
Fleming, W. James
81-005851
Fletcher, Jeffrey E.
81-006905
Fletcher, John
81-006110
Flickinger, Edward L.
81-004830
81-006038
Flinchum, D. M.
81-004880
Flinders, J. T.
81-005068
Flinders, Jerran T.
81-005096
Flint, W. E.
81-006246
Floch, Herve H.
81-005914
Florant, Gregory L.
81-005098
Floyd, R. B.
81-006454
Foa, Augusto
81-005952
Foggin, C. M.
81-006369
Foggo, M. N.
81-005900
Fokin, S. Ju.
81-006230
Fokin, S. Yu.
81-006231
81-006232
Folk, G. Edgar, Jr.
81-005258
Folkestad, Alv Ottar
81-005999
81-006258
81-006537
Follen, Don, Sr.
81-006315
Foltin, R. W.
81-005926
Fong, David W.
81-005485
Fons, R.
81-005013
Fonstad, Tore
81-006538
81-006539
81-006637
81-006638
Forcella, Frank
81-004746
Foreyt, K. M.
81-005325
Foreyt, William J.
81-005325
Forman, Lloyd J.
81-006779
Forssell, Ingegerd
81-005508
Forssgren, Kent
81-006111
Forster, Richard
81-005706
Forster, Richard A.
81-006112
Foster, Bristol
81-004786
Foster, James W.
81-006308
Foster, K. A.
81-005149
Foster, Michael S.
81-004849
Fournet, M.
81-006616
Fournier, Olivier
81-006113
Fowler, Christopher J.
81-005486
Fox, B. J.
81-005214
Foy, Dorothy
81-006455
Fradrich, Hans
81-005487
Fragaszy, D. Munkenbeck
81-005616
Frame, J.
81-006051
Francillon, Helene
81-006780
Francy, D. B.
81-004949
81-004952
Frank, R.
81-005852
Frankenberg, Eliezer
81-005791
Franks, Edwin C.
81-006731
Franson, J. Christian
81-006000

ranzmann, Albert W.
81-005506
?razer, Nat B.
81-006977
Freeland, W. J.
81-005599
Freeman, B. J.
81-006178
Freeman, M. L.
81-005707
Freeman, Patricia Waring
81-005028
Frelin, Christian
81-006540
French, Thomas W.
81-005326
81-006930
Frey, Henry
81-005002
Frieling, Fritz
81-005708
81-005828
Fries, Joe N.
81-005029
Friesz, Ron C.
81-006348
Frommolt, Karl-Heinz
81-006541
Frostrup, Johan Christian
81-006039
Frydendall, Merrill J.
81-005337
Fryleatam, Bo
81-005069
81-005070
Fuentes, Eduardo R.
81-004900
81-005071
Fujii, Tadashi
81-005748
Fulbright, H. J.
81-006625
Fulk, G. W.
81-004962
Fulk, George W.
81-005142
Fuller, David G.
81-006114
Fuller, Todd K.
81-005327
Funk, E.
81-005488
Funmilayo, Oluwadare
81-005000
Furbush, Clarence E.
81-004734
Furness, R. W.
81-006115
Fussell, John O. III
81-006116
Gabaeva, N. S.
81-006843
Gabig, P. Joseph
81-006009
Gagne, Betsy H.
81-005731
Gagne, Wayne C.
81-005731
Gahne, Bo
81-005370
Galat-Luong, Anh
81-005536
Galbraith, H.
81-006259
81-006543
Galert, Danuta
81-005137
Gallivan, G. J.
81-005419
Gambarotta, J. Carlos
81-006941
Gangal, S. V.
81-006900
Ganshirt, G.
81-006457
Garavini, Carla
81-006782
Garbutt, Allan
81-005901
Garcelon, David K.
81-006316
Garcia, James R.
81-005238
Gardner, J. S.
81-005592
Garner, Bill A.
81-004735
Garnier, Danielle-Helene
81-005916
Garrity, N. R.
81-005848
Garstka, William R.
81-006931
Gartner, F. L. (Hans)
81-006309
Garton, Edward O.
81-005792
Gartshore, R. Geoffrey
81-005309
Gaston, A. J.
81-005710
Gates, Doris
81-006703
Gates, J. Edward
81-005155
Gatten, Robert E., Jr.
81-006932
Gattullo, D.
81-006860
Gatz, Thomas
81-006579
Gatz, Thomas A.
81-006544
Gaudino, Giovanni
81-006778
Gauzer, M. E.
81-006117

Gayen, N. C.
81-007034
Gebczynska, Zofia
81-005489
Gebczynski, Marek
81-005212
Gee, George F.
81-005771
Gee, John H.
81-006824
Gehr, Peter
81-004915
81-004922
81-004932
81-004933
Geisel, O.
81-005361
Geissler, B.
81-005490
Geluso, Kenneth N.
81-004942
Gemmell, R. T.
81-004972
Genoud, Michel
81-005002
Genoways, Hugh H.
81-004889
Gent, Peter
81-005829
Gentry, A. W.
81-005537
Gentry, John B.
81-004891
George, Wilma
81-004936
Georgii, B.
81-005491
Geraci, J. R.
81-005444
Geren, Collis R.
81-006986
81-006987
Gerencser, George A.
81-007006
Gerhart, J. C.
81-006802
Geroudet, Paul
81-006001
81-006702
Gertson, Dawn
81-005842
Gessaman, James A.
81-005099
Getz, Lowell L.
81-005215
Geyer, Lynette A.
81-005216
Ghosh, P. K.
81-005080
Ghosh, Santanu
81-005249
Gibbons, J. Whitefield
81-006739
Gibson, Daniel D.
81-005830
Gibson, R. A.
81-005114
Giddens, W. E., Jr.
81-005571
81-005600
81-005609
Gidley-Baird, A. A.
81-005143
Gies, Th.
81-006391
Gill, Brian J.
81-006704
Gillingham, James C.
81-006933
Gillingham, M.
81-006146
Gillon, D.
81-005081
Gilmer, David S.
81-004756
81-004757
Gilmore, D.
81-007029
Ginatulin, A. A.
81-005100
Ginatulina, L. K.
81-005100
Gipps, J. H. W.
81-005217
Giri, Shri N.
81-005853
Girod, C
81-005601
Gittins, S. P.
81-006783
Given, R. L.
81-004928
Gladson, Nancy L.
81-005855
Glass, M. L.
81-006934
Glass, Mogens L.
81-007064
Glaus, Kent Russell
81-005893
Gleeson, Todd T.
81-006873
81-006935
81-007054
Glen, D. M.
81-006545
Glenn, James L.
81-006914
Gliwicz, Joanna
81-005184
Gmerek, Debra E.
81-004760
Gochfeld, Michael
81-005793
81-006091
81-006508

Godinho, H. P.
81-005660
Godo, Gunnar
81-005980
81-006040
Goffinet, G.
81-006355
Goldsmith, Peter A.
81-005167
Gole, Prakash
81-005711
Gombe, Samson
81-005007
Goni, F. M.
81-006781
Goniakowska-Witalinska, Lucyna
81-006784
Gonzalez, Julio Cesar
81-005030
Goode, Mike
81-006936
Goodwin, Richard H.
81-005692
Gopalakrishna, A.
81-005031
Gopalakrishnakone, P.
81-006937
Gorecki, A.
81-005236
Gorenzel, Warner P.
81-006118
Gorham, E.
81-006793
Gorman, Andrew John III
81-005602
Gorman, George C.
81-006873
Gorska, Ewa
81-005709
Gorski, Wojciech
81-005709
Gorsline, J.
81-005854
Gortz, J. W.
81-006668
Gosalbez, J.
81-005162
Gosper, D. G.
81-005712
Goss-Custard, J. D.
81-006119
Goszczynski, Jacek
81-004897
81-005184
81-005218
Gotmark, Frank
81-006542
Goulden, E. A.
81-004994
Gouzoules, Harold Theodore
81-005603
Gowardin, Lewis M.
81-004757
Goyal, S. P.
81-005080
Goyer, Nannette
81-006317
Graber, Jean W.
81-005677
Grabinski, Wojciech
81-006120
Graham, Gary L.
81-006645
Graham, J. M.
81-005219
Granath, Willard O., Jr.
81-006456
Granger, R. G.
81-005167
Granqvist, Eirik
81-005362
Grant, B. R.
81-005882
Grant, Jane B.
81-004782
Grant, Margaret M.
81-006938
Grant, P. R.
81-005882
Gras, G.
81-005883
Graves, C. A.
81-005926
Graves, Gary R.
81-006547
81-006705
Gray, P. A.
81-005713
Grazhdankin, A. V.
81-004810
Green, J. H.
81-005653
Green, Janet C.
81-006061
81-006121
81-006122
Green, Robert K.
81-006041
Green, S.
81-005861
Greenberg, Russell
81-005772
Greene, G. Cliett
81-005246
Greene, Harry W.
81-004771
Greenwood, J. J. D.
81-006123
Greenwood, R. M.
81-006687
Greer, Donald L.
81-005032
Gregg, Barbara
81-005220
Gregory, J. D.
81-004880

Grenmyr, Urban
81-005714
Greven, Hartmut
81-006785
81-006786
Griffin, Curtice R.
81-006318
Grigg, Gordon C.
81-006939
81-007036
Grigorescu, Dan
81-005437
Grigsby, Everett M.
81-006426
Grimes, J. E.
81-005874
Grimm, Peter
81-006002
81-006319
81-006320
Grishcenko, T. A.
81-005252
Grobstein, Paul
81-006765
81-006766
81-006767
Grocock, C. Anne
81-005221
Gross, D.
81-007029
Grossler, Kurt
81-005770
Grove, Patricia A.
81-006548
Groves, Colin P.
81-005492
Grubb, Teryl G.
81-006321
Grubb, Thomas C., Jr.
81-005794
81-005802
Gruber, Steve
81-004841
Grue, Christian E.
81-005855
Grummt, Wolfgang
81-005931
Grunhagen, Heinz
81-006546
Gschmeissner, S. E.
81-005046
Guajardo, Joseph E.
81-005610
Gubb, A.
81-006358
Gucwinski, Antoni
81-005604
Gudynas, Eduardo
81-006940
81-006941
Guess, Robert C.
81-006942
Guetzow, David D.
81-005222
Guichard, A.
81-005925
Guihard-Costa, A.-M.
81-005156
Guillette, Louis J., Jr.
81-006943
Guindon, Carlos F.
81-006463
Gullan, Paul K.
81-004898
Gullbrandsen, Kjell
81-005884
Gullion, Gordon W.
81-006322
Gult, Oldrich
81-005266
Gunn, Anne
81-005502
Gunson, J. R.
81-005363
Gunson, John R.
81-005351
Gupta, N. K.
81-005033
81-005034
81-005035
Gupta, Prem P.
81-005493
Gustafsson, Torgny
81-005182
Gustafsson, Torgny O.
81-005223
Guthrie, J. William
81-006178
Gutierrez Galindo, J. F.
81-005878
Guyomarc'h, Catherine
81-005916
Guyomarc'h, Jean-Charles
81-005916
81-006458
Gwinner, E.
81-006457
Gysin, J.
81-005605
Gyug, Les W.
81-005224
Haas, George H.
81-005958
Habermehl, K.-H.
81-005453
Hable, Charles P.
81-005559
Hackler, Andrea
81-006549
Hackmann, Lee Ann
81-005157
Haddon, G.
81-006260
Hader, R. J.
81-006116
Haensel, Joachim
81-005494

...CONTINUED...
Haensel, Joachim
81-005715
Haga, Atle
81-005665
81-005971
Hagen, Arne
81-005225
Hagen, H.
81-005538
Hagen, U.
81-005538
Hahn, D. Caldwell
81-006124
Haila, Yrjo
81-005716
Hailman, Jack P.
81-006794
Haim, A.
81-005226
Haimoff, Elliott H.
81-005606
Haines, Howard
81-005168
Hairston, Nelson G.
81-006787
Haland, Arnold
81-006003
Haldar-Misra, C.
81-006945
Haldas, Sigmund
81-006004
Hall, D.
81-007029
Hall, Dorothy
81-006550
Hall, George A.
81-005831
Hall, S.
81-004937
Ham, Nick van der
81-006125
Hamas, Michael J.
81-006706
Hamilton, G. D.
81-005495
Hamre, S. R.
81-005707
Han Hwa Kim
81-006788
Hancock, Betsy
81-006323
Hancox, M.
81-005364
Hanks, J.
81-005519
Hans ter Haar G. J.
81-006551
Hansen, Andrew J.
81-006324
81-006325
Hansen, Bente Langvad
81-006789
Hansen, Georg Norgaard
81-006789
Hansen, Gunnar
81-006326
Hansen, Janette
81-005158
Hansen, Kjell M.
81-006483
Hansen, Poul
81-006552
Hanssen, Ole Jorgen
81-005972
81-006005
81-006006
81-006126
81-006127
81-006553
Hanus, Vaclav
81-005899
Harbron, Steven Lee
81-004873
Harcourt, Caroline
81-005607
Harder, John D.
81-004971
Harlow, Peter
81-006939
Harrell, Ernest H.
81-007057
Harrington, Fred H.
81-005328
Harris, E. A.
81-005369
Harris, H. J.. Jr.
81-005981
Harris, M. P.
81-005973
81-006128
Harris, Michael J.
81-006602
Harris, Paul A.
81-006327
Harris, Paul R.
81-006129
Harris, S.
81-005329
Harrison, Julian R. III
81-006739
Harrison, R. J.
81-005420
Hartman, G. F.
81-004787
Hartner, William C.
81-005095
Harvey, Nancy C.
81-005630
Harvey, Paul H.
81-004920
81-005608
Hasselman, C.
81-005883
Haufler, Jonathan B.
81-004883
Haug, Tore
81-005421

Hauge, Kjell-Ove
81-006554
Haupl, M.
81-006944
Haupl, Michael
81-007042
Haupt, Hartmut
81-006130
Hausberger, Martine
81-006458
Haussener, Virginia
81-004933
Hawgood, Barbara J.
81-006937
Hawley, A. W. L.
81-005539
Hayashi, Yoshihiro
81-005245
Hayes, R.
81-004787
Haynes, Anne
81-005951
Hazel, D. W.
81-004880
Heath, Harley W.
81-005227
Heather, B. D.
81-006131
Heberling, R. L.
81-005613
Hebert, Detlef
81-006261
Hebrard, James J.
81-006946
Hedberg, Thomas G.
81-006790
Hedlund, J. D.
81-004899
Heer, Paul de
81-006132
81-006133
81-006136
81-006555
Heffner, Henry
81-005654
Heffner, Rickye
81-005654
Heggberget, Thrine Moen
81-005365
81-005366
81-005397
81-006459
Heglund, Norman C.
81-004931
Hegner, Robert Ernest
81-006707
Heidel, J. R.
81-005609
Heidt, Gary A.
81-005257
Heikkinen, Heikki
81-005379
Heil, Richard S.
81-005832
Heilmann, H.
81-006391
Hein, Gabriele
81-005702
Heinemann, Dennis
81-005678
Heinricher, Alois
81-005717
Heinsohn, G. E.
81-005418
Heinz, Gary H.
81-005868
Heise, Gunter
81-006556
Heithaus, E. Raymond
81-005228
Heitmeyer, Mickey E.
81-005910
Heitzer Q., Reinaldo
81-005496
Heldmaier, Gerhard
81-005229
Hellack, Jenna J.
81-005809
Helle, Eero
81-005902
Helle, Pekka
81-005497
Helle, Timo
81-005498
81-005505
Hellmich, J.
81-006557
Helminen, Matti
81-005129
81-005909
Hemke, Erwin
81-006328
Henderson, Carrol L.
81-005718
Henderson, Nancy E.
81-005101
Henderson, Robert W.
81-006947
Hendriks, Michiel M.
81-006015
Henley, Don E.
81-004770
Henley, Gordon B.
81-006948
Henny, Charles J.
81-006086
Henry, Robert S.
81-005459
Henry, William G.
81-006042
Hensler, Gary
81-005868
Hensler, Gary L.
81-005679
81-005771
Hensley, George T.
81-005438

Henttonen, Heikki
81-005230
Herbers, Joan M.
81-004820
Herbert, J. D.
81-004809
Herman, Dennis W.
81-006949
Herman, Louis M.
81-005405
81-005447
Herman, T. B.
81-005231
Heston, Katherine
81-005937
Heusner, A. A.
81-006950
Hevly, Richard H.
81-005036
Hewitt, S.
81-005232
Hewson, R.
81-005331
Hidalgo, Hugo
81-006951
81-006952
81-006953
Higuchi, Hiroyoshi
81-006329
81-006558
81-006559
Hill, David
81-006987
Hill, J. E.
81-005037
Hill, K. G.
81-005918
Hillman, S. S.
81-006853
Hillman, Stanley S.
81-006791
Hinde, Robert A.
81-004821
Hinds, L.
81-004985
Hinesley, J.
81-007029
Hinko, Alexander
81-006792
Hiraizumi, Hideki
81-006045
Hiraldo, F.
81-005204
Hirano, Toshiaki
81-006559
Hirata, Toshiaki
81-006434
Hird, D. W.
81-006793
Hirst, Stanley M.
81-006007
Hitchins, P. M.
81-006330
Ho, Shuk-mei
81-006954
Hobbs, Donna Edeen
81-005102
Hobbs, J. N.
81-006134
Hochachka, P. W.
81-005422
81-005429
Hockley, P. A. R.
81-006214
Hodson, Keith
81-006331
Hoff, Gerald L.
81-005038
Hoffmann, Klaus
81-005233
Hoffmann, Rudolf
81-004758
Hoffmeyer, Inge
81-005234
Hofmann, Joyce E.
81-005215
Hokkanen, Heikki
81-005120
Holcombe, Edna Virginia
81-005103
Holleman, Dan F.
81-005510
Holmback, Erik
81-006955
Holmberg, Kerstin
81-005953
Holmes, W. N.
81-005854
Holmgren, Mark
81-005719
Holmgren, Mark A.
81-005820
Holton, Gordon
81-006035
Homann, Peter H.
81-005833
Hommel, M.
81-005605
Hoogland, John L.
81-005104
Hooper, Jon Kirk
81-004744
Hooper, Robert G.
81-006708
Hopcraft, John
81-004831
Hopkins, C. A.
81-005147
Hoppeler, Hans
81-004916
81-004922
81-004932
81-005540
Hopper, John S.
81-005630
Hornocker, Maurice
81-004908

Hoser, Norbert
81-005664
81-005708
Hoshiai, T.
81-006262
Hounsome, Michael
81-005666
Houseal, Timothy W.
81-006895
Howard, Richard P.
81-006332
Howell, D. J.
81-005039
Howell, K. M.
81-005040
Howie, Richard
81-006333
81-006334
Hoyt, Donald F.
81-006008
Hoyt, Reed W.
81-007064
Hubalek, Zdenek
81-006460
Huber, Harriet R.
81-005404
Hubert, B.
81-005081
Hudson, Richard A.
81-007068
Hudson, Robert
81-006560
Huffman, J. E.
81-005001
Hughes, R. L.
81-004989
Hughes, S. W. M.
81-006062
Huheey, James E.
81-006757
Hummel, D.
81-006335
Hund, Karl
81-006561
Hunt, George L., Jr.
81-006253
Hunter, D. B.
81-005358
Hunter, Malcolm L.
81-005807
Hunter, R.
81-004788
Hunter, R. L.
81-004733
Hunter, S. C.
81-004880
Huntley, B.
81-006562
Huntley, Jimmy Charles
81-004874
Huntly, Nancy J.
81-006709
Huong, Alan Y.
81-005587
Hurter, Thomas
81-005917
Husseini, R. H.
81-005367
Hustin, Deborah L.
81-005342
Huston, Michael
81-004750
Hutchings, M. E.
81-005918
Hutchison, J. Howard
81-006956
Hutchison, Victor H.
81-006924
Hutchison, W. M.
81-005398
Hutt, Randy
81-005610
Hutterer, Rainer
81-005002
Hyberg, B. T.
81-004880
Hyde, P. A.
81-005975
Hyett, Jack
81-005795
Hyland, Joseph M.
81-006009
Ibanez, C.
81-005546
IJzendoorn, Edward J. van
81-006063
81-006135
81-006136
81-006336
Illnerova, Helena
81-005233
Imai, Hirotami T.
81-004921
Ingalhallikar, S.
81-006563
Inglis, Ian
81-006013
Innes, Duncan G. L.
81-005235
Innes, S.
81-005423
Inoue, Yoshikazu
81-006245
Inouye, David W.
81-006709
Inouye, Motonori
81-006564
Inouye, Richard S.
81-006709
Ippen, Rudolf
81-006137
Irwin, D. V.
81-005003
Irwin, Kelly J.
81-006957
Isaacson, A. J.
81-005947

Isaev, S. I.
81-005295
81-005296
Ishibashi, Takehiko
81-005932
Itamies, Juhani
81-006010
Iwamoto, Sotaro
81-005615
Iwanaga, T.
81-005773
Jabir, H. A.
81-005240
Jackson, Jerome A.
81-005663
81-005667
81-005668
81-006337
81-006565
Jackson, W. B.
81-005150
Jacobson, Elliott
81-006931
Jaeger, Robert G.
81-006794
Jagosz, J.
81-005236
Jakobsen, Jentoft
81-006338
Jakobsson, Sven
81-006623
Jaksic, Fabian
81-005071
81-005072
Jaksic, Fabian M.
81-004771
81-004900
James, Frances C.
81-005676
James, Ross D.
81-006566
Jameson, E. W., Jr.
81-006950
Janes-Butler, S.
81-005861
Janett, F. J., Jr.
81-005298
Jardine, David R.
81-006958
81-006959
Jarvi, Torbjorn
81-006623
Jarvinen, Antero
81-005230
Jarvinen, Olli
81-005716
81-005720
Jarvis, J. U. M.
81-005237
Jarvis, P. J.
81-004805
Jaschhof, Helmut
81-006138
Jaschhof, Mathias
81-006138
Jastrzebski, Marek
81-005012
Jatsenko, V. N.
81-005286
Jay, Jeremy M.
81-006795
Jayal, N. D.
81-006960
Jeffery, R. C. V.
81-005520
Jenkins, David
81-005368
Jenkinson, D. McEwan
81-004917
Jenks-Jay, Nan
81-006139
Jenner, J. C.
81-005752
Jennings, Robert G.
81-006263
Jensen, Wayne I.
81-005875
Jeong Sik Ko
81-004918
Jezyk, P.
81-005321
Jing Rongcai
81-005424
Jing Xianying
81-005424
Job, Sabine
81-006227
Johansen, K.
81-006934
Johansen, Kjell
81-005402
81-007064
Johns, Lois
81-004798
Johnson, David H.
81-004901
Johnson, Elizabeth
81-005121
Johnson, J. C., Jr.
81-006114
Johnson, K. A.
81-004973
Johnson, Mark
81-006339
Johnson, Oscar W.
81-006140
81-006141
81-006142
Johnson, Patricia
81-006141
Johnson, Patricia M.
81-006142
Johnson, Randall
81-005073
Johnson, Tom R.
81-006961

Johnston, James A.
81-006962
Johnston, Phyllis G.
81-005189
Johnston, W. Gavin
81-005741
Johnstone, Joy W.
81-006340
Jokumsen, Alfred
81-006796
Jones, Clara B.
81-005611
Jones, D. M.
81-005562
Jones, G. W.
81-005369
Jones, K. Bruce
81-006963
Jones, Kenneth Bruce
81-006740
Jones, Marilyn M.
81-006567
Jones, R. C.
81-005655
Jones, Ross E.
81-005330
Jones, S. R.
81-005612
Jones, Trevor R.
81-005105
Jonkel, C.
81-005346
Jop, Krzysztof
81-005499
Jordan, P. A.
81-005480
Jorgensen, Clive D.
81-005238
Jose de Oliveira, Gilson
81-006981
Joshi, A. P.
81-006900
Joslin, Paul
81-004789
81-004798
Journet, Alan R. P.
81-006317
Jover, Lluis
81-006201
Judd, Frank W.
81-005222
Judge, Peter
81-005638
Juillard, M.
81-006341
Jukema, J.
81-006043
Juneja, R. Kumar
81-005370
Jung, Hans-Joachim G.
81-005239
Jurek, Ronald M.
81-006342
Just, John J.
81-006779
Juvonen, Marja
81-005333
Jy, Wenche
81-006997
Kaakinen, Kimmo
81-006011
Kabus, Andre
81-006710
Kacelnik, Alejandro
81-005807
Kadhim, A. H.
81-005240
Kaiser, G. W.
81-006146
Kajimura, Hiroshi
81-005446
Kalas, John Atle
81-006003
81-006145
Kale, Herbert W. II
81-006571
Kaltenbach, Jane C.
81-006797
Kalter, S. S.
81-005610
81-005613
Kamau, John M. Z.
81-004931
81-005402
Kaminski, Richard M.
81-005892
81-005982
Kamis, Alias Bin
81-006461
Kamstra, James
81-004806
Kanwar, Usha
81-005159
Kapila, K. K.
81-007051
Kar, S. K.
81-006890
Karasov, W. H.
81-006864
Karges, John P.
81-006741
Karlbom, Mats
81-006346
Karlsen, Svein
81-006344
81-006345
Karltun, Erik
81-006147
Karplus, Ilan
81-006798
Karr, James R.
81-005774
Karten, Harvey J.
81-006920
Karulin, B. E.
81-005267

Kashyap, S. K.
81-005041
Kaufman, Donald W.
81-004891
Kavaliers, Martin
81-006964
Kay, Brian Kenneth
81-006799
Kefford, B.
81-004968
Keith, Lloyd B.
81-005075
81-005327
Keller, Barry L.
81-005332
Keller, R. E.
81-006800
Kemper, Catherine M.
81-005241
Kenagy, G. J.
81-005106
Kendall, Ronald J.
81-005856
Kendeigh, S. Charles
81-005259
Kennedy, Alan J.
81-006064
Kent, Bretton W.
81-006148
Kenward, Robert E.
81-006346
Kepler, Angela K.
81-005721
Kepler, Cameron B.
81-005721
Kerlinger, Paul
81-004875
Kessler, John S.
81-005042
Khacher, Lavkumar
81-006572
Khan, M. A. Q.
81-006773
Khan, Mohammad Ali Reza
81-005614
81-006573
Kharin, V. E.
81-006965
Kharitonov, S. P.
81-006149
Khera, S. S.
81-005934
Khlyap, L. A.
81-005267
Khodchenko, V. V.
81-004925
Khokhar, Abdul Rauf
81-005142
Kilgore, Delbert L., Jr.
81-005911
Kilham, Lawrence
81-005796
Kilpatrick, W. Wayne
81-004736
Kimani, James Kirumbi
81-005541
Kimura, Kunihiko
81-005615
81-005641
Kinariwala, R. V.
81-007026
Kindale, M. L.
81-005464
King, Andrew P.
81-006486
King, Bernard
81-006084
King, C. M.
81-005371
King, Judy A.
81-006801
King, Michael M.
81-005462
King, N. W.
81-005581
Kinnear, Pete
81-005857
Kinzie, Barry
81-005819
Kirk, A.
81-006803
Kirk, John A.
81-004842
Kirkham, Ian R.
81-006264
81-006607
Kirkpatrick, Charles M.
81-004868
Kirkpatrick, T. H.
81-004772
Kirkwood, James B.
81-004863
Kirschner, M. W.
81-006802
Kitchener, D. J.
81-006966
Kiuchi, K.
81-004813
Kivett, V. K.
81-005006
Klapste, Jaroslav
81-006711
Klaver, Ch. J. J.
81-006967
Klein, David R.
81-005454
Klein, Willi
81-005722
81-006347
Klint, Thorsten
81-005953
81-005983
Klippel, Walter E.
81-006999
Kneese, Allen V.
81-004886
Knight, G. C.
81-005973

Knight, M. H.
81-005242
Knight, Richard L.
81-006348
81-006349
81-006397
Knopf, Fritz L.
81-005895
Knowland, John
81-006815
81-006816
Knyazev, A. V.
81-004939
Kobayashi, Shin
81-005919
Kodric-Brown, Astrid
81-006691
Koenig, Walter D.
81-006712
Koepke, Byron E.
81-004734
Kohli, Erich
81-005128
Koivisto, Ilkka
81-005457
Kok, O. B.
81-006713
Kokabi, Mostefa
81-004773
Kokshaysky, Nikolai V.
81-006150
Kolb, H. H.
81-005331
Kolbe, Udo
81-006151
Komeda, Shigemoto
81-006245
Kondratiev, A. Ya.
81-006075
Konecka, Anna Maria
81-005920
Konigstedt, Dietmar
81-006143
81-006144
81-006343
81-006569
81-006570
Konishi, Masayoshi
81-005615
Kooiker, Gerhard
81-006574
Koopman, Karl F.
81-005025
Kooyman, Gerald L.
81-004912
Korf, H.-W.
81-006803
Korhonen, Kyllikki
81-005243
81-005903
Korhonen, Simo
81-005898
Korolev, N. V.
81-005372
Korpela, Jukka K.
81-005775
Kosanke, S. D.
81-005092
Kosco, Mary Patricia
81-004903
Kosygin, Genadij M.
81-005452
Kotagi, S. G.
81-005625
Kothari, Sanjay
81-006563
Koza, L.
81-006255
Kozlov, A. N.
81-005160
Kraft, Richard
81-005004
Kramer, Eugen
81-007010
Kranebitter, Leo
81-006350
Krasinska, Malgorzata
81-005542
Kratke, Eckhard
81-006044
Kratzer, Paul G.
81-005161
Krauer, Rudolf
81-004916
81-004922
81-005540
Kraus, Fred
81-006968
Kraus, Fred, Jr.
81-006804
Krause, Fayette F.
81-006351
Kravetz, Fernando O.
81-005082
Krebs, John R.
81-006575
Krogell, C.
81-005479
Kroll, James C.
81-005663
Kronbach, Dieter
81-006076
Kruckenberg, Larry L.
81-004853
Kruger, Siegfried
81-006568
Krummholz, Dieter
81-006044
Krushinsky, L. V.
81-006462
Kruuk, Hans
81-004843
Kuchling, G.
81-006969
Kuechle, V. B.
81-004756
81-004757

Kuhlmann, Dietrich H. H.
81-005798
Kukuk, Penelope F.
81-005797
Kullberg, R. W.
81-006805
Kumar, Ashoke
81-005954
Kumari, Saroj
81-005244
Kummel, Heidrun
81-006642
Kummer, Johannes
81-005723
81-006265
81-006352
Kuntz, Robert E.
81-004950
Kurechi, Masayuki
81-006045
Kurohmaru, Masamichi
81-005245
Kurtz, S. W.
81-006793
Kuschert, Holger
81-006576
81-006577
Kuthe, Ku. S. M.
81-006830
Kvam, Tor
81-005373
Labhardt, Felix
81-005374
Labib, Ramzy S.
81-006970
81-006971
Labzin, V. V.
81-004925
Lacasa Millan, M. I.
81-005878
Lacher, Thomas E., Jr.
81-004904
81-007053
Ladds, P. W.
81-005418
Ladowski, Janet A.
81-005981
Lahti, Seppo
81-004957
81-005129
Lahtinen, Ari
81-006011
Laird, Robert J.
81-006658
Laitinen, Matti
81-005504
LaMarre, Martha
81-005382
Lamb, Robert
81-004743
Lambert, Anthony
81-006353
Lambert, G.
81-005861
Lambert, Kurt
81-005724
81-006578
Lambert, R. W.
81-005284
Lambeth, David
81-006579
Lambeth, Greg
81-006579
Lambeth, Sharon
81-006579
Lamotte, M.
81-005005
Lampio, Teppo
81-005984
81-006012
Lampitt, Gordon A.
81-005823
Landers, J. Larry
81-006985
Lang, B.
81-005725
81-006580
Langenau, E. E., Jr.
81-004854
Langman, Vaughan A.
81-004931
Langslow, D. R.
81-006581
Langslow, Derek R.
81-004866
Lanza, Robert P.
81-005950
Larimer, Terrance C.
81-006602
Larkin, Ronald P.
81-005834
Larras-Regard, Elaine
81-006806
Larsson, Leonard
81-006972
Lasher, Douglas N.
81-006973
Lathiya, S. B.
81-004962
Lathiya, Shaher Bano
81-005142
Lauer, David M.
81-005118
Laumeyer, Philip
81-006812
Laundre, John W.
81-005332
Laurie, Ian C.
81-004751
Laursen, Karsten
81-004876
LaVal, Margaret L.
81-005043
LaVal, Richard K.
81-005043
Lavers, R. B.
81-006170

Laverty, Gary
81-006974
Lavery, H. J.
81-004772
Lavigne, D. M.
81-005423
Lawerence, W. R.
81-006807
Lawton, Marcy F.
81-006463
Laycock, H. T.
81-006562
81-006582
Lazarus, John
81-006013
Lazell, James D., Jr.
81-006975
le Roux, Maritha
81-005527
81-005528
Le Tacon, F.
81-004960
Leach, Iain H.
81-006583
Leader-Williams, N.
81-005500
Leader, Leslie G.
81-005966
Leatherwood, Stephen
81-005350
81-006385
LeBlond, Nancy Russell
81-005501
Leceta, J.
81-007067
Lechowicz, M. J.
81-006586
Lecomte, Jacqueline
81-005871
Ledger, John A.
81-006354
Lee, Anthony K.
81-004966
Lee, David S.
81-006976
Lee, Eugene
81-005171
Lee, Robert C.
81-006946
Lee, W. G.
81-006170
Lefebvre, Jacques
81-005618
Leger, Daniel W.
81-005616
Lehmann, Scott
81-004780
Leigh, Egbert Giles, Jr.
81-004829
Lein, M. Ross
81-006584
Leischnig, Stephan
81-006585
Lemanski, Larry F.
81-006855
Lemmetyinen, Risto
81-004877
Lemon, R. E.
81-006586
Lenarz, Mark S.
81-005543
81-006977
Lennartz, Michael R.
81-006708
Lepherd, E. E.
81-005483
Leprince, P.
81-006355
Lester, Gary S.
81-006272
Leubner, Angelica B.
81-005318
Levescy, Barbara
81-005022
Lewin, Victor
81-006249
Lewis, A. D.
81-006615
Lewis, Allen R.
81-005107
Lewis, D. B.
81-005918
Lewis, D. J.
81-005562
Lewis, David B.
81-006253
Lewis, T. James
81-005404
Li Shichun
81-006587
Liao, K'o-Kaung
81-007039
Liaw, H. M.
81-005425
Lichte, Christine
81-006772
Lidicker, W. Z.
81-005150
Liesner, R.
81-006803
Light, Terry R.
81-006996
Ligon, J. David
81-005799
Lin, Huai-San
81-007039
Lincer, Jeffrey L.
81-004831
81-006356
Lind, Peter
81-006978
Lindberg, Peter
81-006357
Linden, Harto
81-005885
81-005907

Lindeque, M.
81-006395
Lindholm, Jane S.
81-004919
Lindsey, Peter
81-006979
Lindskog, Hakan
81-006588
81-006589
Lindstedt, S. L.
81-004811
Lindstedt, Stan L.
81-004916
81-004922
Link, Michael
81-004774
Lippert, Wolfgang
81-006046
81-006152
Lipson, Marcia J.
81-006797
Litovich, Elizabeth
81-006471
Little, Terry W.
81-005936
Litvin, V. Yu.
81-005267
Liu Bingoian
81-006587
Liu Xiyue
81-006587
Liversidge, R.
81-006358
Llados-Eckman, Carmen
81-005088
Llimona, F.
81-006153
Lloyd, C. N. V.
81-004993
Lloyd, D. H.
81-004951
Lo, Tung-Bin
81-007044
Lochman, Josef
81-004878
Lochmiller, Robert
81-006154
81-006590
Lock, Ross A.
81-006323
Lofaldli, Lars
81-005375
81-006003
Loffler, E.
81-004974
Logan, Cheryl A.
81-006591
Lohi, Outi
81-005333
Lohrl, Hans
81-005955
Lollis, J. P.
81-004880
Lombardi, Rosemarie T.
81-005262
Lombardo, Michael P.
81-006471
Lomnicki, Adam
81-004828
Lopetegui N., Oscar
81-005130
Lopez-Forment C., William
81-007018
Lopez-Fuster, M. J.
81-005162
Losano, G.
81-006860
Love, G.
81-005767
Love, J. A.
81-006592
Love, John Robert
81-005131
Love, Kathleen V.
81-006980
Love, William B.
81-006980
Loveridge, J. P.
81-006808
81-006886
Lovtrup, Soren
81-006817
Low, B. S.
81-004975
Low, D. J.
81-004791
Low, W. A.
81-004975
Lowitz, C. E.
81-005926
Lowry, J. B.
81-006714
Lu Yaqin
81-006840
Lubbock, H. R.
81-006256
Lucotte, G.
81-005617
Lucotte, Gerard
81-005618
81-005619
Ludecke, Jorg-Sepp
81-005798
Ludlow, Mark E.
81-006742
Luepke, Ken
81-006315
Lui Jialong
81-004902
Luick, Jack R.
81-005510
Lukowski, Aleksy B.
81-005858
81-005859
Lund, Hj. Munthe-Kaas
81-006014

Lund, Oddvin
81-006017
Lundberg, Per
81-006593
Lundin, Lars G.
81-005370
Luniak, Maciej
81-005726
Luxemburg, Elly-Ann van
81-005590
Lyapkov, S. M.
81-006809
Lyman, Charles P.
81-005246
Lynch, G. Robert
81-005227
Lynch, Thomas J. III
81-007014
Lyon, Linda A.
81-006464
Lyons, Mary
81-005091
Maaskamp, Frans
81-005065
MacCluer, Jean Walters
81-004763
Mace, Georgina M.
81-004920
Mace, T. F.
81-005108
Maciel, Norma Crud
81-004767
MacIntosh, Brian R.
81-007006
MacIntyre, D. H.
81-006743
Mackay, R. Stuart
81-005425
MacKenzie, D. I.
81-006599
Mackin-Rogalska, Regina
81-005247
Mackrell, J.
81-005710
Maclean, Graeme S.
81-005109
MacMahon, James A.
81-005181
MacMillan, B. W. H.
81-006433
MacNamara, Mark
81-005534
Mactavish, Bruce
81-006607
Maddock, John
81-005579
Mader, William J.
81-006359
Madge, Steve C.
81-005727
Madhavan, A.
81-005031
Madhavan, Vasumathi
81-006982
Madison, Dale M.
81-005248
Maehr, David S.
81-004879
Magalhaes, Arinos
81-006981
Mahoney, J. M.
81-005132
Mahoney, Shane P.
81-006155
Mahrt, Jerome L.
81-005904
Maier, Wolfgang
81-005620
Majewska, Hanna
81-005920
Majumdar, N.
81-006595
Majumdar, S.
81-005621
Maker, Peter A.
81-006362
Maki, T. E.
81-004880
Makinen, Auli
81-005333
Makwana, S. C.
81-005621
Malacinski, G. M.
81-006810
Maloiy, G. M. O.
81-005402
81-005583
81-005584
Maloiy, Geoffrey M. O.
81-004915
81-004929
81-004931
81-004932
Malygin, V. M.
81-005286
Malzahn, Elzbieta
81-005200
Manabe, Noboru
81-005932
Mandal, Ajoy Kumar
81-005249
Mangos, John A.
81-005353
Manley, G. A.
81-006917
81-006918
Mann, Clive F.
81-005728
Mann, G. S.
81-005163
Manning, Margaret J.
81-004812
Manske, L. L.
81-005905
Manson, A. J.
81-006518
Mao, Shou-hsian
81-006901

Maple, Terry L.
81-005622
Maples, William R.
81-005649
Marchal-Segault, D.
81-004832
Marchant, J. H.
81-005975
Marchant, S.
81-005729
Marcstrom, Vidar
81-006346
Mardekian, Stephanie Zowada
81-004759
Mares, M. A.
81-005110
Mares, Michael A.
81-004903
81-004904
Margules, C.
81-004974
Marimuthu, G.
81-005045
Marion, Ken R.
81-006984
Mark, A. F.
81-006170
Marking, L. L.
81-004833
Markland, Francis S.
81-006868
Markovits, Paul S.
81-004863
Marques, Maria
81-007045
Marquiss, M.
81-006372
Marroni, F.
81-005943
Marsh, N. A.
81-006860
Marsh, Richard L.
81-006360
81-006596
Marti, Carl D.
81-006420
Martin, A. D.
81-005860
Martin, A. H.
81-004945
Martin, Duncan W.
81-006986
Martin, Elwood M.
81-006156
Martin, F. B.
81-006793
Martin, Graham R.
81-005800
Martindale, Steven Paul
81-006715
Martinet, Lise
81-005376
Martinez-Rica, Juan Pablo
81-005544
Martinez, A.
81-006153
Maruhashi, Tamaki
81-005623
Maruyama, Takeo
81-004921
Marz, Matthias
81-006641
Mason, J. Russell
81-006811
Mason, Paul
81-006465
Mason, Susan L.
81-005921
Mason, William A.
81-005616
Massa, R.
81-006442
Massey, Adrianne
81-005164
81-005165
Massoia, Elio
81-005250
Mast, Roderic B.
81-006977
Mather, Janice G.
81-005251
Matheu, E.
81-006153
Mathew, D. N.
81-006682
Mathias, T.
81-005801
Mathieu, Odile
81-004916
81-004922
81-004932
81-005540
Matoltsy, A. Gedeon
81-004923
Matsuda, T.
81-006262
Matsuo, Teruo
81-005919
Matsuoka, Shigeru
81-006597
Matsuura, Y.
81-005386
Matthews, Michael K., Jr.
81-005166
Mattlin, R. H.
81-005426
Mattsson, Donn
81-006157
Mattsson, Jim
81-006158
Mauget, C.
81-005356
Maughan, O. Eugene
81-006812
Maurer, Brian A.
81-004881
Maxson, George-Ann D.
81-004844

...CONTINUED...
Maxson, George-Ann D.
81-005985
Maxson, Linda R.
81-006813
81-006814
Maxson, Stephen J.
81-006251
May, Felicity E. B.
81-006815
81-006816
Mayberry, Lillian F.
81-005289
81-005992
Mayer, Werner
81-007043
Maynard, William
81-006910
Mazaraki, Mieczyslaw
81-006159
McAfee, Robert D.
81-005566
McArthur, Laurence B.
81-004881
McArthur, Laurence Barrett
81-004882
McBrearty, D. A.
81-005420
McClelland, B. Riley
81-006716
McColm, A. A.
81-005398
McCormick, J. Michael
81-004919
McCranie, James R.
81-007005
McCulloch, Ellen M.
81-006466
McDiarmid, Roy W.
81-006983
McDonald, K. R.
81-004775
McDonald, Lyman
81-004759
McDonough, James J.
81-005167
McEllin, Shaun M.
81-006598
McEvoy, J. S.
81-004775
McFarland, David J.
81-006074
McKean, John L.
81-006160
81-006160
McKean, Richard
81-004909
McKeever, Larry
81-006361
McKenna, Thomas M.
81-005168
McKenzie, C. E.
81-006599
McKenzie, N. L.
81-004905
McKinnell, R. G.
81-006793
McKinstry, Donald M.
81-006744
McLaren, Ian A.
81-005835
McLean, R. G.
81-004949
81-004952
McLeod, Colin R.
81-006047
McMinn, R. M. H.
81-005046
McMurchie, E. J.
81-005114
McMurray, David N.
81-005032
McNabb, F. M. Anne
81-005922
McNabb, Roger A.
81-005922
McNair, Douglas
81-006161
McNicholl, Martin K.
81-005680
McPherson, Roger J.
81-006984
McRae, W. Alan
81-005912
81-006985
Mead, James G.
81-005427
Mead, Jim I.
81-005347
Mead, Rodney A.
81-005377
Meadows, B. S.
81-006162
Meanley, Brooke
81-005730
Mech, L. David
81-004938
81-005334
Mechlin, Larry M.
81-004756
81-004757
Meehan, Thomas E.
81-006213
Meerbusch, F. R. G.
81-005826
Meester, J.
81-004994
81-005201
Mehta, Santosh
81-005033
81-005034
81-005035
Meiboom, Uzi
81-005521
Meier, M. N.
81-005252
Meier, Peter G.
81-006478

Meire, Patrick
81-006077
Meissl, H.
81-006803
Melde, Manfred
81-005956
Mellow, Brian K.
81-006362
Melnyk, Roman B.
81-005083
Mendel, Frank C.
81-005656
Mendel, Glen
81-006163
Mendel, Sharon
81-006163
Mendelssohn, Heinrich
81-006299
Menzel, Heinz
81-006164
Merhav, A.
81-006842
Merila, Eino
81-005974
Merkt, Juan R.
81-005253
Merritt, Joseph F.
81-005195
Merritt, Peter G.
81-006600
Mertens, Rolf
81-006363
Merz, Anna
81-006165
Meserve, Peter L.
81-004906
Mey, Eberhard
81-006166
Meyer, A. C.
81-005643
Meyer, George W.
81-005627
Meyer, Heinz
81-006467
81-006601
81-006717
Meyers, Joseph M.
81-006602
Miceli, D.
81-004814
Michelland, Dominique
81-006603
Middleton, Raymond J.
81-006604
Mignot, Th. M.
81-005925
Mikami, Shin-ichi
81-005928
Mild, Kjell Hansson
81-006817
Milicua, J. C. G.
81-006781
Millar, John S.
81-005224

...CONTINUED...
Millar, John S.
81-005235
Millar, Robert P.
81-006801
Millard, Steve
81-006167
Millener, P. R.
81-006168
Miller, B. N.
81-005805
Miller, D. S.
81-005861
Miller, Frank L.
81-005502
Miller, John C.
81-006169
Miller, K. E.
81-004733
Miller, Karen
81-005411
Miller, Kirk
81-006818
Miller, Lawrence G.
81-005316
Miller, Lee A.
81-005047
Miller, M. D.
81-005111
Miller, Robert
81-006745
Milligan, K. R. N.
81-004856
Mills, J. A.
81-006170
Milner, A. R.
81-004953
Milsom, N. F.
81-006545
Milstein, P. Le S.
81-006468
Minnemann, Dieter
81-006364
Minor, Maureen L.
81-006365
Minor, William F.
81-006365
Mishra, Ch. G.
81-005387
Miskell, John
81-006507
Miskelly, C. M.
81-006171
Misu, M.
81-005773
Mitchell, A. B.
81-006543
Mitchell, Edward D.
81-005410
Mitchell, G.
81-005579
Mitchell, Janet
81-005428
Mitchell, Wilma Ann
81-005463

Mitjavila, S.
81-004943
81-004944
Mizuno, Takeo
81-005929
Mo Huiying
81-006840
Mochizuki, Koshi
81-005245
Mock, O. B.
81-005006
Moeliker, C. W. (Kees)
81-006015
Moermond, Timonth C.
81-006606
Moffett, Mark W.
81-007055
Mohapatra, S.
81-006876
81-006877
Moilanen, Pekka
81-005133
Mokeyeva, T. M.
81-005254
Moksnes, Arne
81-006016
Moller, Anders Pape
81-006605
Mollhoff, Wayne J.
81-006366
Momose, Hiroshi
81-006329
81-006558
Monaghan, P.
81-006115
Monson, Gale
81-006685
Montevecchi, William A.
81-006607
Montgomery, Robert A.
81-005995
Montgomery, Roy D.
81-005876
Montgomery, Steven L.
81-005731
Montgomery, W. I.
81-005255
81-005256
Montori, Albert
81-006819
Moody, Michael
81-004924
Moore, Celia L.
81-005169
Moore, D. A.
81-005464
Moore, Dwight W.
81-005257
Moore, James L.
81-005732
Moore, Terry S.
81-006718
Moors, P. J.
81-004845
Moos, Abbie B.
81-005258
Morales, Jorge
81-006390
Moran, Gary B.
81-006837
Moran, Jeffrey B.
81-006986
81-006987
Morant, P. D.
81-005836
More, J.
81-005354
Morello, A. M.
81-005624
Morgan, D. D. V.
81-006988
Morgan, G. Wallace
81-005923
Morgan, Linda
81-005042
Mori, Shinya
81-006367
Moriarty, D. J.
81-005774
Morioka, Hiroyuki
81-005733
Morlan, Joseph
81-006608
Morrell, Stephen H.
81-005404
Morris, John G.
81-005259
Morris, Judith L.
81-006820
Morrison, Kim
81-004846
Mortensen, A.
81-005906
Mortimer, Jeanne A.
81-006989
Morton, Bruce
81-005171
Morton, David
81-005048
Morton, Martin L.
81-006493
Morton, S. R.
81-004976
81-004977
Morton, W. R.
81-005600
Mosher, James A.
81-006411
Moss, D.
81-006373
Mossop, D.
81-004790
Motis, A.
81-006153
Motroni, Robert S.
81-006375
Mott, Glen E.
81-005574

Moudgal, N. R.
81-005625
Mould, Eric D.
81-005503
Moulding, Jonathan D.
81-006990
Moulton, Daniel W.
81-006469
Movchan, V. N.
81-005399
Moyer, David
81-006719
Muchlinski, Alan E.
81-005260
Mueller, Helmut C.
81-006368
Mueller, Nancy S.
81-006368
Muhlpfordt, H.
81-005044
Muir, B. G.
81-006966
Mukhopadhyay, Anand
81-006172
Mukku, V. R.
81-005625
Muller, Alfred E.
81-004933
Muller, Hartmut
81-006594
Muller, Hartmut E. J.
81-006143
Muller, W. J.
81-004975
Mumford, Michael D.
81-005580
Mundy, P. J.
81-006369
Munro, W. T.
81-004791
Murakami, Toshiki
81-007046
Murali, S.
81-005635
Murkin, Henry R.
81-005982
Murphy, B. J.
81-005429
Murphy, Brian Joseph
81-005430
Murphy, Joseph R.
81-004848
81-006370
81-006414
Murray, P. F.
81-005657
Murray, Rodney B.
81-004760
Murray, S.
81-006128
Murshid, Ali A.
81-006507
Murton, R. K.
81-005947
Murty, G. S. R. C.
81-005625
Murua, Roberto
81-005134
Muse, C. J.
81-006173
Muse, Shirley
81-006173
Musick, John A.
81-006975
Mustafa, A. M.
81-005240
Muth, Allan
81-006991
Muth, D. J.
81-004949
Muth, Francis Allan
81-006992
Muzquiz Moracho, J. L.
81-005878
Mwangi, Deter K.
81-004915
81-004933
Myrberget, Svein
81-005365
81-005366
81-005378
81-005389
81-005397
81-006048
81-006174
81-006266
81-006459
Nabaglo, Leszek
81-005261
Nadal, J.
81-005844
Nadeau, Joseph H.
81-005262
Nagata, Kenneth
81-005145
Nagatani, Yoshimi
81-006746
Nagel, Roland
81-004834
Nagle, Ray B.
81-005263
Nagy, John
81-005297
Nagy, Julius G.
81-004883
Naito, Y.
81-006267
Nakagawa, S.
81-005645
Nakamura, Robert M.
81-006140
Napier, Prudence Hero
81-005626
Nash, Charles
81-006371
Nasu, K.
81-006267

Naulleau, G.
81-006993
Naumov, R. L.
81-004925
Navarro, A.
81-006175
Neal, C.
81-005369
Neal, Fred D.
81-005264
Neck, Raymond W.
81-006821
Neiland, Kenneth A.
81-005316
Neitman, Keith
81-006994
Nel, J. A. J.
81-005401
Nelson, Craig E.
81-006822
Nelson, J.
81-005051
Nelson, Jay W.
81-006272
Nelson, Lee K.
81-005957
Nelson, Randy J.
81-005084
Nesbitt, Stephen A.
81-006176
Nettles, Victor F.
81-005348
Nettleship, D. N.
81-006252
Neuman, R. W.
81-005545
Newhouse, Michael E.
81-004737
Newlon, Michael C.
81-006609
Newman, James R.
81-006325
Newman, K. B.
81-006468
Newport, J. W.
81-006802
Newton, I.
81-006372
81-006373
Newton, Paul
81-004777
Neyrand de Leffemberg, Florence
81-006847
Nichols, D. J.
81-005170
Nichols, George
81-005411
Nichols, James D.
81-005265
81-005679
81-005948
Nicholson, J. K.
81-005776

...CONTINUED...
Nicholson, J. K.
81-005862
Nicolosi, R. J.
81-005624
Niebuhr, Virginia
81-006177
Niederwolfsgruber, Franz
81-005717
Nielsen, Svend W.
81-005470
Nieminen, Mauri
81-005504
81-005505
Niering, William A.
81-005692
Nijhoff, J. H.
81-005154
Nikander, S.
81-005479
Nilsen, Morten
81-006553
Nilson, Goran
81-006863
Nilssen, Arne C.
81-006483
Nilsson, Leif
81-005976
Nishida, Takao
81-005245
Nishigai, Masahiko
81-006434
Nishikimi, M.
81-004813
Noble-Rollin, Calvert
81-006610
Noda, H.
81-005386
Norberg, R. Ake
81-005764
Nordin, M.
81-006470
Nordkvist, Magnus
81-005508
Norling, Wayne
81-006452
Norman, G.
81-005860
Norman, R. F.
81-006586
Norqvist, Astrid
81-005486
Norris, David O.
81-006823
North, Philip M.
81-005841
Northcote, E. Marjorie
81-006049
Norton-Griffiths, M.
81-004781
Norton, Robert L.
81-005734
Novellie, P. A.
81-005528

Nowak, R. M.
81-005334
Nudds, Thomas David
81-005986
Nuechterlein, Gary L.
81-006065
81-006066
Nussbaum, Ronald A.
81-006995
Nye, Peter E.
81-006404
Nygard, Torgeir
81-006374
Nygren, Kaarlo
81-004961
Nyholm, Erik S.
81-005909
81-005987
O'Brien, Regina C.
81-005246
O'Kusky, J.
81-004808
O'Meara, Timothy E.
81-004883
O'Pezio, John
81-005342
OAG Munster
81-005735
Odell, Daniel K.
81-005438
Odening, Klaus
81-004954
81-005335
Odom, Ron R.
81-006178
Odum, William E.
81-006055
Oduor-Okelo, Dominic
81-005007
Oehme, Hans
81-005681
Oeser, Rudolf
81-005736
81-006611
Ogden, John A.
81-006996
81-007012
Ogilvie, D. M.
81-004945
Oguro, Chitaru
81-007046
Ohmart, Robert D.
81-005742
81-005762
81-006525
Ohsawa, W.
81-005645
Ojeda, Ricardo A.
81-004903
Okamoto, Satoru
81-005919
Okhotsky, Yu. V.
81-005267
Oldemeyer, John L.
81-005506
Olendorff, R.
81-006375
Olenick, Roberta J.
81-006824
Oliphant, Lynn W.
81-006376
Olsen, Neil A.
81-005526
Olsen, Ove
81-006017
Olson, Storrs L.
81-006612
Olsson, Hakan
81-006593
Olsvik, Orjan
81-006174
Oniki, Yoshika
81-006675
Opahova, V. R.
81-005399
Opp, Ralph R.
81-006377
Orchard, Stan A.
81-006747
Oreel, Gerald J.
81-006135
81-006179
81-006180
81-006181
Oreland, Lars
81-005486
Oren, David C.
81-006720
Orians, Gordon H.
81-006378
Orich, Reginald
81-005297
Oritsland, N. A.
81-005340
81-005346
Oritsland, Torger
81-005431
Ortego, Brent
81-005737
Ortego, James Brent
81-006050
Osieck, Eduard R.
81-006613
Ossa, J.
81-005993
Ostbye, Eivind
81-005225
81-005266
Ottinger, Mary Ann
81-005924
Otto, Dale K.
81-005559
Otvos, Imre S.
81-005669
Ouyang, Chaoho
81-006997

...CONTINUED...
Ouyang, Chaoho
81-007039
Overstreet, Robin M.
81-005627
Owen-Smith, Norman
81-005738
Owen, Myrfyn
81-006018
Owens, K. J.
81-005874
Pacheco, N. V.
81-005395
81-005482
Pachinger, Karol
81-005261
Paganelli, Charles V.
81-005781
81-006008
Paglioni, Silvana
81-006756
Palacios, F.
81-005546
Palacios, L.
81-005777
Palermo, R. V.
81-006743
Palmer, M.
81-006966
Palmer, William M.
81-006976
Palmieri, James R.
81-005547
81-006885
Palomeque, J.
81-005777
Pancake, John
81-005819
Pang, Kevin
81-005171
Panitz, Eric
81-005268
Pankakoski, Erkki
81-005135
Pannach, Dieter
81-006379
81-006721
Papafrangos, Elaine D.
81-005246
Parker, A. G.
81-006783
Parker, Alan
81-006182
Parker, Alfred L.
81-004886
Parker, Brad J.
81-006962
Parker, James W.
81-006303
Parker, Patricia G.
81-006368
Parker, Theodore A. III
81-006614
Parmalee, Paul W.
81-006999
Parmelee, David
81-005933
Pascual, Xavier
81-006819
Passmore, N. I.
81-006846
Paton, Peter W. C.
81-006019
Pattabhiraman, Tammanur R.
81-007063
Patton, D. L. H.
81-006051
Patton, G. W.
81-005432
Patton, James L.
81-006680
Paull, David E.
81-006380
Pavlinov, I. Ya
81-005269
Pavlova, E. Yu.
81-005296
Pawson, L.
81-006918
Peacock, W. J.
81-004988
Peakall, B.
81-005861
Peakall, D. B.
81-005861
Peake, William T.
81-007014
Pearce, P. A.
81-005848
Pearson, D. J.
81-006183
81-006184
81-006185
81-006615
Peden, D. G.
81-005539
Pefaur, Jaime E.
81-004776
Peirce, M. A.
81-005877
81-006186
Peitz, Betsy
81-005270
Pellissier, C.
81-005883
Pena, Adela
81-005304
Penzhorn, B. L.
81-004822
Pepperberg, Irene M.
81-006722
Percival, H. Franklin
81-005948
Perey, Roger
81-006187
Perez-Higareda, Gonzalo
81-006998
Perez, E.
81-006616

Perez, John C.
81-005274
Perrin, M. R.
81-005271
81-005272
Perry, Matthew C.
81-005958
81-006156
Pescado, Pedro, Jr.
81-004738
Peterle, Tony J.
81-005869
Peters, Elizabeth H.
81-005649
Peters, J. A.
81-005863
Peterson, Karl H.
81-007000
Peterson, Randolph L.
81-005050
Petokas, Peter J.
81-007001
81-007002
Petter, F.
81-005005
81-005008
Petterborg, L. J.
81-005273
Pettifer, H. L.
81-005548
Pettit, Ted N.
81-006268
Petzold, Gisela
81-005549
Petzold, Hans-Gunter
81-007003
Pevet, P.
81-005049
Peyrichoux, J.
81-004814
Pfannmuller, Lee A.
81-005739
Philips, James R.
81-006381
Phillips, B.
81-005628
Piccirillo, V. J.
81-006020
Pichyangkul, Sahtit
81-005274
Picozzi, N.
81-006188
Pienkowski, Ann
81-006189
Pienkowski, M. W.
81-006189
Pieper, H.
81-006382
Pierce, Virginia
81-005802
Pietruszka, Robert D.
81-007004
Pigage, Jon Charles
81-005112
Pike, A. W.
81-005392
Pilcher, Brian K.
81-004747
Pilorge, Thierry
81-006734
Pine, Ronald H.
81-004978
Pinkowski, Benedict C.
81-006617
Pirlot, P.
81-005051
Pizzimenti, John J.
81-005275
81-005276
Plakke, Ronald K.
81-005105
Planas, J.
81-005777
Plantz, Merritt
81-004739
Plath, Lothar
81-006190
81-006383
Poczopko, Piotr
81-004926
Pohle, Claus
81-005550
Pohley, William J.
81-006795
Pojar, Jim
81-004792
81-004793
Pokorny, K. S.
81-004949
Pollitt, C. C.
81-004980
Pomeroy, D. E.
81-006723
Pond, Cynthia L.
81-005959
Ponomareva, T. S.
81-005778
Pope, G. S.
81-005121
Popescu, C. P.
81-005531
Popova, Nina K.
81-005113
Popple, Beryl
81-004847
Porras, Louis
81-007005
Porter, Joseph H.
81-005167
Porter, Richard D.
81-004764
Ports, Mark A.
81-006618
Posner, Philip
81-007006
Post, David G.
81-005629

Powell, Cynthia C.
81-006854
Powell, George V. N.
81-005855
Powell, Roger A.
81-004907
Power, Harry W.
81-005803
81-006471
Powers, Darlene
81-007063
Powers, Leon R.
81-005842
Powers, Pamela M.
81-005677
Powlesland, R. G.
81-006619
Pozzi-Cabaj, M.
81-005236
Prado, A.
81-006781
Prakash, Ishwar
81-005080
Prange, Henry D.
81-004752
Prasad, D. T.
81-005635
Pratt, R. M.
81-005500
Prescott, Jacques
81-005551
Prescott, Kenneth W.
81-006620
Presidente, P. J. A.
81-004953
Price, Trevor
81-006622
Price, Trevor D.
81-006621
Priemer, Jurgen
81-004836
Prieur, D.
81-005433
Prinzinger, Roland
81-006561
Pritchett, Clyde L.
81-004764
Prokof'eva, L. I.
81-005779
Pruett-Jones, Melinda
81-006371
Pucek, Michalina
81-004745
Pugesek, Bruce H.
81-006191
Puigdefabregas, Juan
81-005552
Pujol, Paulette
81-006847
Pulliainen, Erkki
81-005317
81-005336
81-005379

...CONTINUED...
Pulliainen, Erkki
81-005380
81-005988
Pulliam, H. Ronald
81-005804
Purchas, T. P. G.
81-006472
Purnomo
81-005547
Putman, R. J.
81-005507
Putnam, Robert W.
81-006825
81-006826
Pybus, M. J.
81-005465
Pytel, Stanislaw
81-005553
Qazi, M. H.
81-006865
Quanrud, Rebecca
81-006544
Quay, T. L.
81-006116
Querner, Ulrich
81-006500
Quesenberry, R. P.
81-006020
Quinn, Hugh
81-006827
Quinney, K. R. S.
81-005805
Quinney, T. E.
81-005805
Qvist, Jesper
81-005434
Rabe, Mary L.
81-005009
Racey, P. A.
81-005049
Radesater, Tommy
81-006623
Rado, Theodore A.
81-007007
Raffaele, Herbert A.
81-005740
Rahn, H.
81-006192
Rahn, Hermann
81-004752
81-006008
Raison, J. K.
81-005114
Rajala, Paavo
81-005907
Rajan, S.
81-005045
Raju, P. David
81-007008
Ralph, Charles L.
81-006964
Ralph, Stephen C.
81-006384

Ralston, Mark S.
81-006977
Ramachandran, A. V.
81-007026
Ramade, F.
81-004832
Ramasharma, K.
81-005625
Ramirez, Carlos G.
81-005496
Ramirez, Pedro, Jr.
81-004908
Ramsey, Paul R.
81-005658
Randall, B. M.
81-005850
81-006193
Randall, Jan A.
81-005277
Randall, R. M.
81-005850
81-006193
Randall, Robert
81-006544
Rands, Michael
81-004777
Rangneker, P. V.
81-006982
Ransom, Timothy
81-006291
Rao, A. M. K. Mohana
81-005172
81-005278
Rao, P. D. Prasada
81-007008
Rappole, John H.
81-006178
Rapuano, Bruce E.
81-006905
Rathore, B. S.
81-005934
Ratnikova, O. A.
81-005295
Ratti, P.
81-005554
Rattner, Barnett A.
81-005864
Rauch, Josefine C.
81-005115
Rauschuber, Donald G.
81-004770
Ray, Clayton E.
81-005381
81-005435
81-005437
Ray, G. Carleton
81-005436
Rebollo, Florentino de Lope
81-006624
Reboulleau, C.
81-005941
Recht, Michael A.
81-007009
Reddy, S. Raghupathi Rami
81-006867
Reed, Dale F.
81-005466
Rees, William E.
81-005501
Regenass, Urs
81-007010
Rego, L. H. A.
81-006194
Rehbinder, Claes
81-005493
81-005508
Reichard, U.
81-006391
Reichenbach, Norman G.
81-006748
81-006828
Reichholf, Josef
81-005509
Reid, J. B.
81-006223
Reid, W. H.
81-006625
Reinert, Howard K.
81-007011
Reis, Henrique A.
81-006763
Reiter, R. J.
81-005273
Remmler, O.
81-006054
Renaud, Wayne E.
81-005741
Renfree, Marilyn
81-004991
Renfree, Marilyn B.
81-004927
81-004979
Repenning, Charles A.
81-005437
Reperant, J.
81-004814
Retief, P. F.
81-006423
Reymond, Alexandre
81-006626
Reynolds, John E. III
81-005438
Reynolds, Timothy D.
81-006627
Rezanov, A. G.
81-006628
Rhijn, Johan G. van
81-006195
Rhine, Ramon J.
81-005630
Rhodin, Anders G. J.
81-006996
81-007012
Ribal, Miloslav
81-004958
Ribbens, Louis
81-005590

Rice, G. E.
81-006882
81-007019
Rice, Jake
81-005742
Richards, Douglas G.
81-006629
Richards, Joshua F.
81-005048
Richards, Ronald L.
81-005279
Richards, Tudor
81-005743
Richardson, Bettye B.
81-005587
Richardson, J. I.
81-007029
Richardson, P.
81-006358
Rickard, W. H.
81-004899
81-006313
Rickard, William
81-006314
Ricklefs, Robert E.
81-006196
Rieck, Richard William
81-005116
Rieck, W.
81-004859
Rijpma, U.
81-006043
Riley, J.
81-007013
Rim Soon Choe
81-004946
Ringberg, Tata M.
81-005510
Ringleben, Herbert
81-006473
Rio, J. P.
81-004814
Ripley, S. Dillon
81-004901
81-006435
Risley, Michael S.
81-006829
Ristow, D.
81-006269
Ristow, Dietrich
81-006426
Ritchie, Thomas L.
81-005670
Ritchison, Gary
81-006630
Robbins, Charles T.
81-005503
Robbins, Lynn W.
81-005280
Robel, Robert J.
81-006506
Robenek, Horst
81-006786
Robert, J.-C.
81-006197
Roberts, J. Dale
81-006750
Roberts, James A.
81-005566
Roberts, John
81-005807
Roberts, T. J.
81-005744
Robertson, David G.
81-006724
Robertson, H. A.
81-005865
81-006131
Robertson, Raleigh J.
81-006441
Robiller, Franz
81-006198
Robinson, Anthony C.
81-004898
Robinson, Scott K.
81-006632
Robinson, Wilma
81-006199
Robison, Neil D.
81-004778
Robyn, C.
81-005564
Rocco, M.
81-005469
Roche, E.
81-006897
Rochelle, James Arthur
81-005467
Rock, Paul
81-005281
Rodebrand, Staffan
81-005745
81-005746
Rodger, J. C.
81-004980
Rodgers, Randy D.
81-005908
Rodgers, W. A.
81-005631
Rodman, Peter S.
81-005639
Rodriguez-Murcia, C.
81-005204
Roff, A. D.
81-004973
Rogers, Bob
81-006633
Rogers, Duke S.
81-005282
Rogers, John G., Jr.
81-005216
Rogers, L. E.
81-006313
Rogers, Lynn L.
81-004938
Rogers, M. J.
81-006634

Rogers, William
81-006385
Rognstad, J. B.
81-004880
Rogovin, K. A.
81-005283
81-005293
Rohwer, Sievert
81-006701
Roinel, N.
81-005202
Rollor, Edward
81-006154
Rollor, Edward A. III
81-005348
Rolston, Holmes III
81-004794
Romesburg, H. Charles
81-004761
Ronald, K.
81-005340
81-005346
81-005419
Roos, Gunnar
81-005837
81-005838
81-006588
81-006589
Root, Terry L.
81-005820
Roscoe, D. E.
81-005001
Rose, Betty B.
81-006774
Rose, Robert K.
81-004909
Rosenberg, H. I.
81-005132
Rosenberg, Herbert I.
81-007015
81-007017
Rosenberg, Philip
81-006905
Rosenthal, Mark A.
81-005632
Rosi, Maria Irene
81-005198
Roskaft, Eivin
81-005806
81-006474
81-006475
81-006476
81-006631
Rosowski, John J.
81-007014
Roth, Barbara Schropfer
81-005039
Rothe, H.
81-005572
Rothstein, Barbara E.
81-005633
Rowlands, B. W.
81-006270
Rowlands, Peter G.
81-007007
Rowlatt, Ursula
81-005439
Rowley, Ian
81-006635
Rozendaal, Frank G.
81-006499
Rubenstein, Daniel I.
81-004823
Ruffner, George A.
81-004910
Ruge, Klaus
81-006200
Ruiz, Xavier
81-006201
Rulli, Mary
81-006591
Runka, G. Gary
81-005455
Rupprecht, Charles
81-005023
Rush, Howard G.
81-005959
Russell, Anthony P.
81-007015
81-007016
81-007017
Russell, Diana
81-006386
Russell, Findlay E.
81-006868
81-007063
Russow, Lilly-Marlene
81-004795
Ryan, M. J.
81-005016
Ryan, Richard
81-006636
Rybak, Elaine N.
81-005383
Ryder, John P.
81-006202
Ryder, Patricia Lynn
81-006202
Ryder, Ronald A.
81-006118
Rylands, Anthony B.
81-005634
Ryttman, Hans
81-005175
81-005782
81-005894
81-006203
Sabnis, J. H.
81-006830
Sadleir, R. M. F. S.
81-005010
81-005011
81-005417
Saeijs, H. L. F.
81-005989
Saether, Bernt-Erik
81-005747

...CONTINUED...
Saether, Bernt-Erik
81-006637
81-006638
Sage, R. D.
81-005150
Saint Girons, M.-C.
81-005052
Saint-Girons, H.
81-007019
Sakane, Takaharu
81-005733
Sakka, M.
81-005156
Salomatina, N. I.
81-006831
Salter, R. E.
81-006387
Samuel, David
81-006798
Samuel, W. M.
81-005465
Samuel, William M.
81-005351
Samuels, Amy
81-005639
Samuelson, G. A.
81-006639
Sanchez Franco, A.
81-005878
Sanchez-Herrera, Oscar
81-007018
Sanders, K. Friel
81-006204
Sandoval, Jesse
81-005287
Sanford, S. E.
81-006052
Sang Yoon Park
81-004918
Sans-Coma, V.
81-005013
Santiapillai, Charles
81-005440
Sanyal, D. P.
81-007034
Sarafis, V.
81-005284
Saramies, Erkki
81-005486
Sarbello, William
81-005460
Sarkar, H. B. Devaraj
81-005635
Sato, Eimei
81-005932
Sato, Tsukini
81-005748
Saunders, Dorothy Chapman
81-005990
Saunders, George B.
81-005990
Saunders, I. W.
81-005074
Savage, Jay M.
81-006832
Savaloja, Terry
81-006067
81-006205
81-006206
Sayer, Jeffrey
81-005511
Sayin, Fahri
81-005285
Sayre, Mark W.
81-005960
Sazima, Ivan
81-005053
Sazima, Marlies
81-005053
Scanlon, Patrick F.
81-005856
Scarborough, Jim
81-005312
Scarlett, G.
81-004981
Schaefer, V. H.
81-005010
81-005011
Schaffer, Gary D.
81-005348
Schardien, Bette J.
81-006565
Scharf, S. R.
81-006802
Scheel, Helga
81-005476
Schei, Peter J.
81-006388
Scheib, D.
81-005925
Scheibel, Michael S.
81-006021
81-006389
Scherner, Erwin R.
81-006640
Schildman, George
81-004851
Schipke, Reinhard
81-006068
Schlafer, Waldemar
81-005886
81-006208
Schlafke, S.
81-004928
Schlaghecke, Reiner
81-006833
Schlatter, Roberto P.
81-006390
Schlauch, Frederick C.
81-006749
Schlei, Frank
81-005808
Schlenker, Rolf
81-006209
Schlepp, Richard L.
81-004740

Schlitter, Duane A.
81-004889
Schmaltz, Jeffrey E.
81-006725
Schmid, M.
81-006834
Schmidly, David J.
81-005282
81-005302
81-005441
Schmidt, Axel
81-006556
Schmidt, K. H.
81-005801
Schmidt, K.-H.
81-006391
Schmidt, Karl-Heinz
81-006641
81-006642
Schmidt, Robert E.
81-004838
Schmidt, Rod
81-006392
Schneider, David C.
81-006101
Schneider, David E.
81-005887
Schneider, Wolfgang
81-006643
81-006644
Schnell, Gary D.
81-005809
Schoephorster, Dale B.
81-004734
Schoffeniels, E.
81-006355
Schofield, Susan P. M.
81-005636
Schowalter, D. B.
81-005363
Schrick, Michael P.
81-005888
Schroder, Hans-Dieter
81-004837
Schroeder, Barbara A.
81-007020
Schuchmann, Karl-L.
81-005749
Schueler, Frederick W.
81-006835
Schuerholz, Goetz
81-004860
Schuett, Gordon W.
81-006804
81-006968
Schulenberg, Ed
81-005810
Schulenberg, Jean
81-005810
Schulenberg, Thomas S.
81-006645
Schult, Ingolf
81-006541
Schultea, Thomas David
81-005637
Schulten, G. G. M.
81-004768
Schutt, R.
81-005935
Schuz, E.
81-006207
Schvetsov, J. G.
81-005286
Schwabl, Hubert
81-006646
Schwarze, Dirk
81-006210
Schwarze, Eckart
81-006210
Schwerdtfeger, O.
81-006647
Schwilling, Marvin D.
81-005810
81-006618
Scogin, Ron
81-005054
Scollay, Patricia A.
81-005638
Scott, A. Floyd
81-007021
Scott, Charlotte
81-006648
Scott, D. K.
81-006053
Scott, Tessa A.
81-005500
Scudder, G. G. E.
81-004796
Sculley, Thomas B.
81-007052
Seale, Dianne B.
81-006836
Sealy, Spencer G.
81-006211
81-006242
Searle, A. K.
81-004775
Sears, M.
81-005555
Seeherman, Howard J.
81-004929
81-004931
Seeley, Rod R.
81-005287
Segal, S.
81-005321
Sehgal, P.
81-005581
Seibel, David E.
81-006069
Seidel, Bernd
81-005344
Seifert, R.
81-005571
Seifert, Siegfried
81-006649

Sellin, Dietrich
81-006022
Selwood, Lynne
81-004982
Semlitsch, Raymond D.
81-006837
81-007022
Sempere, A. J.
81-005512
Senanayake, F. Ranil
81-007023
Sergeant, David E.
81-005409
Serpell, James
81-006726
Servheen, Christopher
81-006308
Servheen, Christopher W.
81-006349
Setchell, B. P.
81-005660
Settle, Fairfax H.
81-005876
Sever, David M.
81-006838
Severinghaus, C. W.
81-005468
Severtzov, A. S.
81-006809
Sexton, Owen J.
81-007024
Seyfarth, Robert M.
81-005582
Seygal, Gail
81-005216
Seymour, Charles
81-005025
Shaffer, David T., Jr.
81-007025
Shah, R. V.
81-007026
Shaiffer, Charles W.
81-004756
81-004757
Sharma, Indra Kumar
81-005556
81-005557
Shaw, G.
81-006543
Sheddon, C.
81-006115
Shekarappa, B. M.
81-005635
Shenbrot, G. I.
81-005288
Shepard, C. D.
81-005108
Sherer, Jon
81-005136
Sherman, Elizabeth
81-006839
Sherman, Paul W.
81-005811
Sherry, D. F.
81-005938
Shi Luji
81-006840
Shields, William M.
81-005682
Shoemaker, Cynthia A.
81-006837
Shoop, Wesley L.
81-004955
Short, Janet
81-005578
Short, Jeffery A.
81-005289
Shriner, R. B.
81-004949
Shugart, Herman H., Jr.
81-005661
Shum, Kwok L.
81-005268
Shump, Ann U.
81-005382
Shump, Karl A., Jr.
81-005059
81-005382
Shung, K. K.
81-005469
Shy, Eyal
81-006841
Sibly, R. M.
81-006494
Sibson, R. B.
81-006212
Siegel-Causey, Douglas
81-006213
Siegfried, W. R.
81-005558
Silen, W.
81-006842
Silk, Joan B.
81-005639
Silveira, Jose Eduardo N.
81-006763
Silvy, Nova J.
81-006029
Simon, Dennis E.
81-005337
Simon, Dominique
81-006393
Simon, Serge
81-006393
Simons, Theodore R.
81-004762
Simonson, Gary
81-006650
Simpson, Melvin V.
81-005151
Simpson, Thomas Randolph
81-004867
Simson, J. N. L.
81-006842
Sinaga, Totok
81-006880

Sinclair, A. R. E.
81-004781
Sinclair, J. C.
81-006214
81-006394
Singer, Francis J.
81-005559
Singer, J. R.
81-005874
Singh (Neepavgi), Sushama
81-006651
Singh, Lala A. K.
81-006894
Sinha, M. K.
81-005659
Sirons, G. J.
81-005852
Sis, R. F.
81-005653
Siwela, Andrew Anderson
81-005117
Sizer, Bill
81-004852
Skagen, Susan K.
81-004884
Skar, Hans-Jorgen
81-005225
Skene, Robert C.
81-006054
Skinner, B. F.
81-005950
Skinner, J. D.
81-005242
81-006395
Skinner, Jimmie C.
81-005587
Skipnes, Kolbjorn
81-006215
Skogland, Terje
81-005513
Skolek-Winnisch, R.
81-006969
Skrzypiec, Zofia
81-005012
Slagsvold, Tore
81-005821
Slater, F. M.
81-006783
Sleet, R. B.
81-005442
Slings (Rienk), Q. L.
81-006271
Smalley, A. E.
81-004885
Smiet, A. C.
81-004962
Smirnova, I. G.
81-006843
Smith, Andrew T.
81-005290
Smith, Barney
81-005345
Smith, Carol F.
81-004797

...CONTINUED...
Smith, Carol F.
81-006396
Smith, D. G.
81-006874
Smith, Dwight G.
81-004848
81-006397
81-006398
Smith, Gary C.
81-004891
Smith, H.
81-005367
Smith, H. Duane
81-005238
81-005462
Smith, Hugh C.
81-005055
Smith, James Dale
81-005056
Smith, Margaret F.
81-005291
Smith, Michael F.
81-006216
81-006652
Smith, Michael H.
81-004891
Smith, Thomas J. III
81-006055
Smith, Thomas M.
81-005661
Snell, Howard
81-004843
Snell, Richard R.
81-005889
Snow, David W.
81-005671
Snyder, Robert L.
81-005122
Snyder, Walt
81-005514
Sokolov, V. E.
81-005293
81-005294
81-005295
81-005296
Sollien, Aasbjorn
81-006023
81-006399
Solman, Victor E. F.
81-005890
Somero, George N.
81-004912
Sonenshine, Daniel E.
81-005118
Sonerud, Geir A.
81-006653
Sonter, Chris
81-006400
Sood, M. L.
81-005144
Soprovich, Daniel W.
81-005892
Sordahl, Tex A.
81-006217

Sorensen, Grethe
81-005292
Sorjonen, Jorma
81-006654
Soucy, Leonard J., Jr.
81-006401
Sowls, Arthur L.
81-006272
Spasskii, A. A.
81-004839
Spearman, R. I. C.
81-005780
Speiser, Robert
81-006655
Sperling, Dietmar
81-006024
Sperveslage, Hans
81-005846
Spetch, Marcia L.
81-005966
81-005967
Spicka, Edwin J.
81-005076
Spies, H. S. C.
81-005527
81-005528
Spiess, Arthur E.
81-005435
Spofford, Wlater O., Jr.
81-004886
Spotila, James R.
81-005781
Spraker, Ted H.
81-005477
Spratt, D. M.
81-004953
Spratt, David M.
81-004983
81-004984
Sprent, J. F. A.
81-005443
Srinath, B. R.
81-005625
Srivastav, Ajai Kumar
81-006844
St. Aubin, D. J.
81-005444
Stace-Smith, Richard
81-004798
Stalling, Dick T.
81-005312
Stalmaster, Mark V.
81-006325
81-006349
81-006402
Stamps, Judy
81-007027
Stanienda, A.
81-005361
Stanley, P. I.
81-005860
Stanton, Toni L.
81-005088
Stapel, Steven O.
81-006913
Stararczyk, Tabeusz
81-006120
Starkey, Ronald G.
81-006311
Stead, D. E.
81-004768
Stebbins, Lucius L.
81-005297
Steffen, Galen L.
81-006656
Steffens, W. L.
81-005061
Stehn, R. A.
81-005298
Stein, F. J.
81-005653
Stein, George, Jr.
81-005876
Steinbach, J. H.
81-006805
Steinbach, Rainer
81-005708
Steiner, William Wayne II
81-005445
Steinhaus, Gerard H.
81-006403
Steinlechner, Stephan
81-005229
Stelter, Lavern H.
81-004883
81-005750
Stempiewicz, Lech
81-006218
Stenberg, Ingvar
81-006727
Stenseth, Nils Chr.
81-004753
81-005225
Stephens, D. W.
81-005683
Steva, Shelley
81-005751
Stevens, David A.
81-006811
Stevenson, Diane E.
81-005057
Stewart, A. P.
81-005173
Stewart, Anne M.
81-006519
Stewart, Bruce G.
81-006845
Stewart, R. E. A.
81-005423
Steyn, Peter
81-006290
Stiehl, Richard B.
81-006477
Stiles, F. G.
81-006219
Stiles, F. Gary
81-006657

Stiles, Harry E.
81-005891
Stills, H. F., Jr.
81-005640
Stinner, Jerry Neale
81-007028
Stocker, Max
81-004963
Stoddart, Michael D.
81-004890
Stokes, Tony
81-005812
Stone, Ward B.
81-005866
81-006404
Stoneburner, D. L.
81-007029
81-007030
Storch, Gerhard
81-005056
Storer, Robert W.
81-006360
Storier, D.
81-005299
Storrs, Eleanor E.
81-005658
Stoskopf, Michael K.
81-006497
Stotts, Vernon D.
81-005876
Stout, I. Jack
81-005300
Stowe, C. M.
81-006025
Straight, Richard C.
81-006914
Strandberg, John
81-006497
Streilein, K. E.
81-005110
Streilein, Karl E.
81-004904
Strickland, M. J.
81-005752
Stricklin, W. R.
81-005539
Strohn, Brian C.
81-006478
Strom, Roger F.
81-006220
Strong, Craig S.
81-005404
Stroud, Richard K.
81-005446
Struger, J.
81-006586
Stubbe, Michael
81-005357
Stumpf, R. H.
81-005548
Stutterheim, C. J.
81-004824
81-004825

...CONTINUED...
Stutterheim, C. J.
81-006479
Stutterheim, Irene M.
81-006479
Stymeist, Robert H.
81-005839
Subba Rao, M. V.
81-007031
Subhedar, N.
81-007008
Sugerman, Richard A.
81-007032
Sugihara, George
81-005937
Sumarto, Pudji
81-006880
Sumich, J. L.
81-005442
Summers, Jesse W.
81-005122
Summers, R. W.
81-006221
Sundberg, John P.
81-005470
81-006737
Sundin, Jan Axel
81-005714
Surani, M. A. H.
81-005085
Sutcliffe, Scott A.
81-006070
Sutherland, Struan K.
81-007033
Sutherland, W.
81-006222
Sutton, George M.
81-006405
81-006406
Suzuki, H.
81-006267
Svendsen, Gerald E.
81-005126
Svendsen, Rolf S.
81-006407
Svensson, Soren
81-005822
Sweeney, James M.
81-005913
Sweet, A.
81-005926
Sweet, C.
81-005367
Swenson, Jon E.
81-005119
Sylven, Magnus
81-005867
Symonds, Fraser L.
81-005977
Szaro, Robert C.
81-005868
Szteyn, Stanislaw
81-005137
Taavitsainen, Jussi-Pekka
81-005515

Tachiki, Ken H.
81-006774
Taggart, James
81-005416
Tahiri-Zagret, C.
81-005564
Tait, A. J.
81-005121
Takahashi, Shunjo
81-004887
Takahashi, Yutaka
81-005615
81-005641
Takatsu, Akira
81-004911
Tallarida, Ronald J.
81-004760
Talukdar, S. K.
81-007034
Tamarin, Robert H.
81-005262
81-005301
Tamm, Staffan
81-005961
Tanaka, N.
81-005645
Tanaka, Sanford
81-007027
Tanner, George W.
81-007035
Tanner, M. F.
81-005978
Tantawi, H. H.
81-005940
81-005962
81-005963
Taplin, Laurence E.
81-007036
Tarburton, M. K.
81-006273
Tarsa, Veikko
81-006424
Tarsitano, Samuel Francis
81-007037
Tate, James, Jr.
81-004799
Taurog, Alvin
81-006806
Taylor, A. M.
81-006408
Taylor, B. M.
81-007038
Taylor, C. R.
81-004916
Taylor, C. Richard
81-004915
81-004922
81-004929
81-004930
81-004931
81-004932
Taylor, Gary J.
81-006274
Taylor, George T.
81-005174
Taylor, J. Mary
81-004967
Taylor, K.
81-006223
Taylor, Kenton P.
81-005477
Taylor, Meg
81-005642
Taylor, P. B.
81-005996
81-006224
Taylor, R. J.
81-005480
Taylor, Roy L.
81-004748
Taylor, Tink
81-006070
Taylor, Walter Kingsley
81-006658
Tedesco, John L.
81-005023
Teft, Bill
81-006225
Tegelstrom, Hakan
81-005175
81-005782
81-005894
81-006203
Tehsin, Raza H.
81-005400
Telford, S. R.
81-006846
Temple, Stanley A.
81-004800
Teng, Che-Ming
81-006997
81-007039
Tengecho, B.
81-006723
Tenovuo, Rauno
81-006036
Teppen, Terry
81-006226
Teraoka, Wesley
81-005145
Terborgh, John
81-004801
Terman, C. Richard
81-005191
Teska, William R.
81-005383
Thake, M. A.
81-005813
Thaler, Ellen
81-006227
Thapliyal, J. P.
81-006945
Theakston, R. D. G.
81-006937
Thearle, R. J. P.
81-005947

Theodorides, Jean
81-006847
Theron, J. J.
81-005643
Thiel, Richard P.
81-006659
Thiessen, D. D.
81-005219
Thiessen, Del D.
81-005220
81-005277
Thingstad, Per Gustav
81-006016
81-006480
Thomas, Annette
81-005418
Thomas, B. W.
81-007040
Thomas, Betsy Trent
81-006228
Thomas, C. B.
81-006056
Thomas, Lee
81-007041
Thomas, Roger
81-005753
Thomas, W. E.
81-005014
Thompson, David
81-005834
Thompson, Max C.
81-006618
Thompson, Michael Baden
81-006848
Thompson, R. K. R.
81-005926
Thompson, Roger K. R.
81-005447
Thompson, Valerie
81-005579
Thonglongya, Kitti
81-004901
Threlfall, William
81-006155
81-006229
Thurber, Walter A.
81-006409
Thurow, Thomas L.
81-006410
Thwaites, T. P.
81-004977
Tichonov, A. V.
81-006230
Tidemann, C. R.
81-005058
Tiedemann, Franz
81-007042
81-007043
Tikhonov, A. V.
81-006231
81-006232
Tilson, Ronald Lewis
81-005644
Tilton, Mark E.
81-005560
Timisjarvi, Jouni
81-005504
Tindall, A. R.
81-005906
Tinsley, R. C.
81-006849
Tipton, Alan R.
81-005559
Tirrell, Paul C.
81-006250
Tirrell, Roy
81-007052
Titus, Kimberly
81-006411
Todd, Mary E.
81-005451
Toft, John D. II
81-004838
Tokura, H.
81-005645
Tomback, Diana F.
81-006414
Tomlinson, Roy E.
81-005662
Tommeraas, Per J.
81-006412
81-006413
Torgerson, Gordon E.
81-005090
Tormala, Timo
81-005120
Torramade, J. Pascual
81-004783
Torrance, Rebecca
81-006013
Torres de Assumpcao, C.
81-005646
Torres, C. N.
81-005660
Torrey, Deborah S.
81-004868
Toth, D. M.
81-005092
Toufar, Jiri
81-004958
Tracy, C. Richard
81-006902
Travis, Joseph Anthony
81-006850
Treagust, David F.
81-005258
Treasure, Donald
81-006579
Tree, A. J.
81-006233
Treleaven, R. B.
81-006415
Trichka, Carl
81-006416
Trimble, J. M.
81-004949

Trivelpiece, W.
81-005861
Trost, Charles H.
81-006257
Trouillas, J.
81-005601
Trudell, Jeanette
81-005516
Truter, Verona
81-005527
81-005528
Tsai, Inn-Ho
81-007044
Tscherner, Walter
81-004954
81-005335
Tucker, John J.
81-006728
Tucker, Priscilla K.
81-005302
Tucker, Richard
81-005303
Tullar, Benjamin F., Jr.
81-005318
Tuohimaa, Pentti J.
81-005775
Turner, Angela K.
81-006660
Turner, Bruce
81-006035
Turner, D. A.
81-006234
81-006417
81-006615
Turner, Linda J.
81-006418
Turner, R. S.
81-006481
Turner, Wm. Michael
81-005042
Turyn, Daniel
81-007045
Tuttle, M. D.
81-005016
Tuttle, Merlin D.
81-005057
Tuxill, Jacquelyn
81-004782
Twedt, Daniel J.
81-006482
Twigg, G. I.
81-004956
81-005329
Tyack, Peter
81-005448
Tye, Alan
81-006661
Tyler, David F., Jr.
81-005658
Tyler, Gail V.
81-005122
Tyler, Jack D.
81-006406

...CONTINUED...
Tyler, Jack D.
81-006419
Tyler, William Breck
81-006253
Tyndale-Biscoe, C. H.
81-004985
Tyrberg, Tommy
81-005840
81-006026
U.S. Fish and Wildlife Service
81-004888
81-005754
Ubelaker, John E.
81-005304
Uchiyama, Minoru
81-007046
Udden, Jan
81-006542
Udo, Ovin G.
81-006057
Ulbricht, Joachim
81-005755
Ullman, Magnus
81-006027
Ullrey, D. E.
81-005471
Ullrich, Marlies
81-005472
Underwood, Herbert
81-007047
Uotila, Heikki
81-005909
Upton, Graham J. G.
81-005823
Urich, Klaus
81-004834
Vacca, G.
81-006860
Vader, Wim
81-005449
81-005814
81-006235
81-006236
81-006237
81-006238
81-006483
Vaeth, Randy H.
81-007048
Vaisanen, Risto A.
81-005716
81-005720
Valentin, Sylvain
81-005305
Vallejo, Silvana
81-005030
Valtonen, E. Tellervo
81-006010
Valtonen, Matti
81-004957
van Aarde, R. J.
81-006395
Van Daele, Lawrence J.
81-006332

van den Brule, V.
81-006993
van der Straeten, E.
81-005306
Van der Straeten, R.
81-005307
Van Devender, Thomas R.
81-005347
Van Dyck, Stephen
81-004986
81-004987
Van Dyke, Fred
81-006028
Van Mierop, L. H. S.
81-007049
Van Niekerk, J. H.
81-005939
van Oortmerssen, G. A.
81-005176
Vance, Thomas
81-007050
Vandenbergh, J. G.
81-005567
Vandenbergh, John G.
81-005164
Vandermeer, John H.
81-005308
Vanecek, Jiri
81-005233
Vangilder, Larry D.
81-005869
VanWagenen, Robert F.
81-004849
Varela, Ronaldo Saavedra
81-005450
Varland, Kenneth L.
81-005936
Vasisht, H. S.
81-007051
Vaughan, Gary T.
81-007052
Vaughan, Michael R.
81-005075
Veh, Michaela
81-006200
Veitch, C. R.
81-006275
Vellenga, Reta
81-006662
Venolia, L.
81-004988
Verbeek, Nicolaas A. M.
81-006484
Verheijen, F. J.
81-005843
Verner, Louis
81-005215
Vernon, C. J.
81-006294
Vesmanis, I. E.
81-005013
Vesselkin, N. P.
81-004814
Via, Jerry W.
81-006663
81-006664
Vielliard, Jacques
81-006665
Viers, C. E.
81-005756
Vietinghoff-Scheel, Erika V.
81-005757
81-005758
Viitala, Jussi
81-005086
81-005087
Vijayalakshmi, V.
81-005635
Vikberg, Pentti
81-004861
81-005064
81-005384
81-005473
81-005898
81-005964
81-005965
81-005974
81-006058
Vinegar, Allen
81-006938
Vines, Gail
81-006485
Visakorpi, Risto
81-004957
Vitt, Laurie J.
81-007053
Vives-Balmana, M. V.
81-006851
Vizoso, A. D.
81-005014
Vleck, David
81-007054
Vogel, Peter
81-005002
81-005015
Vogl, A. W.
81-005451
Vogt, Kenneth D.
81-004741
Vohs, Paul A., Jr.
81-004865
Voitenko, Ninel N.
81-005113
von Haartman, Lars
81-005815
von Szokolay, Pal
81-005508
Voris, Harold K.
81-007055
Vorontsov, N. N.
81-005100
Vullings, H. G. B.
81-006769
Vuorinen, Hannu
81-005120
Wada, Masaru
81-005927

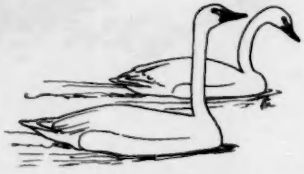
Waddill, James R.
81-005658
Wadsworth, P. F.
81-005562
Wagner, Andre
81-006626
Wagner, Phillip W.
81-006420
Wagner, Uwe
81-006666
Wainer, J. W.
81-004977
Wake, David B.
81-006814
81-006857
Walker, C. H.
81-005973
Walker, J. Martin
81-007056
Walker, M. T.
81-004989
Walker, Thomas C.
81-005118
Walkinshaw, Lawrence H.
81-006667
Wall, W. A.
81-006668
Wallace, G. I.
81-004990
Wallace, Richard L.
81-006812
Wallis, Clifford A.
81-006239
Walsberg, Glenn E.
81-006669
Walsh, Daniel T.
81-006398
Wander, Wade
81-006240
Wang, Claire H. K.
81-006797
Wang, Jih-Pyang
81-007039
Ward, Leigh C.
81-005921
Ward, Rocky
81-007057
Waser, Peter M.
81-005647
Wassel, Mary E.
81-005076
Wassink, Arend
81-006670
Watanabe, Myrna Edelman
81-007058
Watkins, Bruce Ellsworth
81-005474
Watkins, Larry C.
81-005059
Watson, Donald
81-005759
Watson, Donald G.
81-006314
Watson, J.
81-006421
Watts, C. Robert
81-005760
Watts, P. D.
81-005346
Waugh, J.
81-005761
Webb, P. Edward
81-005633
Webb, Paul M.
81-005525
Webb, S. David
81-005381
Weber, A. J.
81-004880
Weber, L. J.
81-005442
Weber, Roy E.
81-005434
81-006796
Weber, Wayne C.
81-004802
Webster, A. Bruce
81-005309
Webster, Wm. David
81-005060
Wegrzyn, Mieczyslaw
81-005561
Wehner, M.
81-005453
Weibel, Ewald R.
81-004915
81-004916
81-004922
81-004930
81-004931
81-004932
81-004933
81-005540
Weibull, Jens
81-006422
Weibull, Peter
81-006422
Weidner, C.
81-004814
Weijs, W. A.
81-005077
Weil, Michael R.
81-007059
Weinheimer, Christina J.
81-005781
Weirich, Richard T.
81-005922
Weise, Willy
81-006059
81-006076
Weitzman, Elliot D.
81-005098
Wells, Darrell
81-006671
Wells, Douglas
81-005762

Wells, Douglas G.
81-005739
Wells, Lois
81-006671
Wells, Michael C.
81-005338
Wellstead, Carl F.
81-007060
Wendland, Victor
81-005310
Wenger, C. Richard
81-005913
Werner, Barbara A.
81-005089
Werner, Henry James
81-005061
Wershler, Cleve R.
81-006239
West, Edward Watson
81-005078
West, Meredith J.
81-006486
Westing, Arthur H.
81-004803
Westing, Carol E.
81-004803
Westlake, G. E.
81-005860
Westley, Bruce R.
81-006815
Westwood, N. J.
81-005947
Weygoldt, Peter
81-006852
Weyh, Rolf
81-006549
Whaler, B. C.
81-006860
Whateley, A.
81-004850
Wheeler, Michael E.
81-005062
Whetter, P. A.
81-005471
Whitaker, John O., Jr.
81-005076
Whitaker, R.
81-007061
Whitaker, Romulus
81-007062
Whitaker, Z.
81-007061
Whitaker, Zai
81-007062
White, G. L.
81-005092
White, Robert G.
81-005510
81-005516
White, Susan C.
81-006196
Whitear, M.
81-006849
Whitford, Walter G.
81-007025
Whitham, Thomas G.
81-006691
Whiting, R. Montague, Jr.
81-006672
Whitmore, Robert C.
81-004881
Whitten, Jane E. J.
81-005123
Whittow, G. Causey
81-006268
Whybrow, Peter J.
81-004815
Whyte, I. J.
81-006423
Whyte, Richard J.
81-006029
Wiberg, Asa
81-005486
Wickham, M. Gary
81-006812
Wickler, Steven J.
81-005311
Wiens, Delbert
81-004991
Wiig, Oystein
81-005385
Wikman, Marcus
81-005885
81-006424
Wilcox, David L.
81-004763
Wiley, E. O.
81-004754
Wilkie, Donald M.
81-005966
81-005967
Wilkinson, Roger
81-006673
Wilks, C. R.
81-004953
Willard, E. Earl
81-005560
Williams, A. J.
81-006276
Williams, D. W.
81-006487
Williams, G. A.
81-006425
Williams, Kenneth L.
81-005312
Williams, Morris D.
81-006674
Williams, Murray
81-006030
Williams, Olwen
81-005124
81-005281
Williams, R. G.
81-004749
81-004784
Williams, Sartor Otho III
81-006031

Willig, M. R.
81-005110
Willig, Michael R.
81-004904
Willis, Edwin O.
81-004755
81-005816
81-006675
81-006720
Willson, Mary F.
81-005774
Wilson, D.
81-005852
Wilson, Don E.
81-004942
Wilson, J. R.
81-006241
Wilson, John X.
81-006032
Wilson, K.
81-006256
Wilson, Larry David
81-007005
Wilson, Mark E.
81-005648
Wilson, P. R.
81-005870
Wilson, Paul W.
81-006426
81-006676
Wiltshire, C. W.
81-006545
Windels, Mary H.
81-006427
Windingstad, Ronald M.
81-005891
Wingert, Willis A.
81-007063
Wingfield, John C.
81-006646
Wink, C.
81-006269
Wink, Coralie
81-006428
Wink, M.
81-006269
Wink, Michael
81-006428
Winkel, Doris
81-006678
Winkel, Wolfgang
81-006677
81-006678
Winter, Blair
81-004801
Winterbottom, J. M.
81-005763
Wirtz, Peter
81-005563
Wishart, Richard A.
81-005892
81-006242
Wishart, William D.
81-005517
Wismer, Maurice
81-006243
Wisser, Jutta
81-006137
Withers, P. C.
81-006429
81-006808
81-006853
Withers, Philip C.
81-006791
Witkovsky, P.
81-006854
Wodzicki, Kazimierz
81-005063
Woffinden, Neil D.
81-004848
Wojcik, Wlodzimierz
81-004835
Wojnowska, Maria
81-005553
Wolfe, Linda D.
81-005649
81-005650
81-005651
Wolk, Elzbieta
81-005452
Wollberg, Z.
81-005299
Woo, Patrick T. K.
81-005019
Wood, Benjamin W.
81-004764
Wood, Brad
81-006430
Wood, Rawson
81-006070
Wood, Stephen C.
81-007064
Woodland, D. J.
81-006454
Woodroofe, M. Nicola
81-006855
Woodruff, Michael L.
81-005067
Woodside, D. P.
81-005058
Woolfenden, Glen E.
81-005790
Wooller, Ronald O.
81-004991
Woolley, P. A.
81-004981
81-004992
Woon Soo Kim
81-004946
Worden, Donald J.
81-005981
Wrangham, Richard W.
81-004823
81-004826
Wrazen, John A.
81-005313
Wright, Alan
81-006244

Wu, Shih-Hsiung
81-007044
Wuest, Paula A.
81-005157
Wunder, Bruce A.
81-005136
Wunderle, Joseph M., Jr.
81-007065
Wunderlich, Klaus
81-006431
Wyndham, Edmund
81-006729
Wyrzykowska, Krystyna
81-005138
Wyrzykowski, Zygmunt
81-005138
Xiao Youfu
81-005424
Yagi, K.
81-004813
Yagyu, K.
81-005386
Yamada, J.
81-005773
Yamada, Shizuhiro
81-005928
Yamada, T.
81-006856
Yamagishi, Satoshi
81-006245
Yamaoka, Ikuo
81-006746
Yamashita, T.
81-005773
Yamauchi, N.
81-004813
Yan Yuanchang
81-006840
Yanagawa, R.
81-005386
Yanagisawa, Norio
81-006679
Yanev, Kay P.
81-006857
Yanez, Jose
81-005072
Yanez, Jose L.
81-004771
81-004900
Yang, Chen-Chung
81-006905
Yang, Suh Y.
81-006680
Yarbrough, Benjamin H. II
81-007066
Yasar Iscan, M.
81-005642
Yasugi, Sadao
81-005929
Yatsenko, V. N.
81-005314
Yenter, James M.
81-004742
Yoho, Noel S.
81-005913
Yonan,M. S.
81-005962
Yong Tai Noh
81-006788
Yorke, Ellen D.
81-005968
Yoshihara, Masayoshi
81-007046
Yoshinaga, Koji
81-005177
Yosida, Tosihide H.
81-005178
Youatt, W. G.
81-005471
Youn, B. Woo
81-006810
Young Duk Chi
81-006788
Young Hee Kang
81-004946
Young Wha Chung
81-006788
Young, C. M.
81-005994
Young, Orrey P.
81-005652
Yuill, T. M.
81-004947
81-005993
Yuill, Thomas M.
81-005079
Yunick, Robert P.
81-006436
81-006681
Zabel, Cindy
81-005416
Zacharias, V. J.
81-006682
Zahavi, Amotz
81-005817
81-006730
Zaidi, P.
81-006865
Zalkind, Deena
81-004831
Zammuto, Richard M.
81-006731
Zan, Yu-Pyng
81-006997
Zang, Herwig
81-006683
Zapata, A.
81-007067
Zapol, Warren M.
81-005434
Zarnke, Randall L.
81-005079
Zatloukal, Alfred
81-006684
Zatloukal, Hanni
81-006684

Zegers, David A.
81-005124
Zeiske, Wolfgang
81-006858
Zhang Jizeng
81-006840
Zhen Shuonan
81-004902
Zhukov, B. B.
81-006462
Ziegler, T. E.
81-005653
Zimmer, Nicholas G.
81-005403
Zink, Richard
81-004739
Zink, Robert M.
81-006248
81-006277
Zorina, Z. A.
81-006462
Zubakin, W. A.
81-006246
Zucker, Irving
81-005084
81-005189
Zurk, H. Van
81-006247
Zurowski, Wirgiliusz
81-005139
Zusman, Neil
81-007068
Zwart, Peer
81-006137
Zweers, Anneke
81-006913
Zweifel, Richard G.
81-006859
Zybina, E. V.
81-005252



GEOGRAPHIC INDEX

Africa
81-005196
81-006500
81-006846
Africa, East
81-004743
81-005690
81-006162
Africa, Southern
81-004994
81-005836
81-006883
Alabama
81-005057
81-005326
81-006930
81-006973
Alabama: Eufaula Natl. Wildlife Refuge
81-005737
81-006050
Alabama: Jefferson County
81-006984
Alaska
81-004734
81-005239
81-005316
81-005411
81-005501
81-005506
81-006000
81-006034
81-006097
Alaska, Southcentral
81-005477
Alaska, Southeastern
81-006213
Alaska: Aleutian Islands
81-005830
Alaska: Denali Natl. Park
81-004963
Alaska: Round Island
81-005416
Alaska: St. Lawrence Island
81-006211
Aldabra Atoll
81-006988
Amirante Islands
81-005704
Angola
81-006394
Antarctica
81-005406
81-005422
81-006250
81-006262
81-006267
81-006277
Argentina
81-004765
81-004766
81-004804
81-004903
81-005082

...CONTINUED...
Argentina
81-005198
81-005203
81-005250
81-005769
81-006465
81-006516
81-006760
81-006907
Arizona
81-004764
81-004942
81-005188
81-005742
81-005762
81-006685
81-006740
81-007007
Arizona, Southern
81-005036
Arizona, Western
81-006963
Arizona: Cochise County
81-004741
81-006691
Arizona: Gila County
81-006669
Arizona: Graham County
81-004741
Arizona: Grand Canyon
81-004910
81-005347
Arizona: Greenlee County
81-004741
Arizona: Pima County
81-006709
Arizona: Sonoran Desert
81-005459
Arkansas
81-005257
Arkansas: Dallas County
81-005913
Arkansas: Logan County
81-004735
Arkansas: Ouachita County
81-005913
Asia
81-006431
Asia, Southeastern
81-005827
Atlantic Ocean
81-006256
81-006906
Atlantic Ocean, Northern
81-005409
81-005421
81-005445
81-005989
Australia
81-004847
81-004953
81-004975
81-004991

...CONTINUED...
Australia
81-005696
Australia: New South Wales
81-004970
81-004983
81-004984
81-005058
81-005214
81-005241
81-005483
81-005712
81-005729
81-005761
81-006085
81-006134
81-006400
81-006454
81-006517
81-006662
81-007036
Australia: Norfolk Island
81-005732
Australia: Northern Territory
81-004967
81-004973
81-005753
81-006160
81-006724
Australia: Queensland
81-004772
81-004775
81-004964
81-004965
81-004986
81-005190
81-005428
81-006662
Australia: South Australia
81-004974
81-004977
Australia: Victoria
81-004898
81-004937
81-005141
81-005783
81-005997
81-006340
81-006466
81-006496
Australia: Western Australia
81-004905
81-006635
81-006750
81-006966
Austria
81-004895
81-005717
81-006182
81-006350
Bahama Islands
81-006534
Bangladesh
81-005614
Belgium
81-006503
81-006529
Belize
81-006947
Bering Sea
81-005410
81-005411
Brazil
81-004767
81-004904
81-005053
81-005634
81-005646
81-005824
81-006675
81-006720
81-007053
Bulgaria
81-006569
81-006594
California
81-004744
81-004849
81-004942
81-005427
81-005742
81-006066
81-006272
81-006316
81-006439
81-006712
81-006857
81-006898
81-006942
California, Coastal
81-005446
California, Northeastern
81-006523
California, Northern
81-006065
California, Southern
81-005762
81-006253
California: Farallon Islands
81-005404
California: Humboldt Bay
81-006042
Cameroon
81-005005
Canada
81-004749
81-004784
81-004871
81-005339
81-005345
81-005423
81-005871
81-005986
81-006888
Canada: Alberta
81-005055
81-005075

...CONTINUED...
Canada: Alberta
81-005079
81-005322
81-005327
81-005351
81-005363
81-005517
81-005705
81-006035
81-006064
81-006239
81-006249
Canada: British Columbia
81-004748
81-004786
81-004791
81-004792
81-004793
81-004796
81-004798
81-004802
81-004857
81-005010
81-005011
81-005108
81-005111
81-005231
81-005253
81-005360
81-005465
81-005467
81-005904
81-006007
81-006146
81-006199
81-006255
81-006331
81-006333
81-006334
81-006484
81-006511
81-006743
81-006747
Canada: Manitoba
81-005224
81-005235
81-005272
31-005897
81-006066
81-006242
81-006599
81-006824
Canada: New Brunswick
81-005848
81-006586
Canada: Newfoundland
81-005485
81-006155
81-006229
81-006607
Canada: Northwest Territories
81-005224
81-005502

...CONTINUED...
Canada: Northwest Territories
81-005741
81-006252
Canada: Nova Scotia
81-005805
81-005835
81-006513
Canada: Ontario
81-004827
81-005019
81-005224
81-005309
81-005315
81-005495
81-005713
81-005889
81-006052
81-006054
81-006202
81-006283
81-006368
81-006441
81-006513
81-006566
Canada: Quebec
81-005319
81-005480
81-005970
81-006264
Canada: Saskatchewan
81-005892
81-006239
Canada: Yukon
81-004787
81-004790
81-004798
81-004857
81-005501
81-005526
81-006285
Canary Islands
81-005955
Cape Verde Islands
81-005724
Central America
81-007005
Chile
81-004771
81-004855
81-004860
81-004900
81-004906
81-005071
81-005072
81-005130
81-005134
81-005395
81-005450
81-005482
81-005496
81-006390
China
81-004902

Colombia
81-005596
81-006612
Colorado
81-005104
81-005124
81-005466
81-005829
81-005891
81-006100
81-006118
Colorado, Northwestern
81-005750
Colorado: Conejos County
81-004742
Colorado: Jefferson County
81-006742
Colorado: Northwestern
81-004883
Colorado: Rocky Mountain Natl. Park
81-004949
81-004952
Colorado: Weld County
81-004730
Connecticut
81-005692
81-006398
81-006416
Cook Islands
81-005037
81-005063
81-005693
Costa Rica
81-005308
81-005774
81-006219
81-006463
81-006606
81-006657
81-006983
Cuba
81-005697
Cyprus
81-006207
Czechoslovakia
81-004878
81-004958
81-005686
81-005899
81-006460
Denmark
81-004876
East Germany
81-005664
81-005708
81-005736
81-005788
81-005828
81-006002
81-006024
81-006044
81-006059
81-006068

...CONTINUED...
East Germany
81-006076
81-006099
81-006130
81-006138
81-006143
81-006166
81-006190
81-006265
81-006320
81-006343
81-006352
81-006379
81-006383
81-006451
81-006467
81-006492
81-006556
81-006568
81-006643
81-006649
81-006710
81-006717
Egypt
81-004773
81-005715
El Salvador
81-006409
81-006951
81-006952
81-006953
Enewetak Atoll
81-005150
England
81-004866
81-004872
81-004997
81-005014
81-005121
81-005217
81-005251
81-005255
81-005369
81-005862
81-005947
81-006072
81-006089
81-006096
81-006119
81-006177
81-006222
81-006286
81-006362
81-006380
81-006415
81-006485
81-006524
81-006531
81-006545
81-006661
81-006673
81-006695
Ethiopia
81-005537

Europe
81-005758
81-005867
81-005984
81-006210
81-006326
81-006610
Europe, Northern
81-006083
81-006145
Europe, Western
81-005877
81-005989
81-006186
81-006189
Falkland Islands
81-005500
Finland
81-004861
81-004877
81-004957
81-004961
81-005064
81-005086
81-005120
81-005125
81-005129
81-005133
81-005230
81-005317
81-005336
81-005362
81-005379
81-005380
81-005384
81-005457
81-005473
81-005479
81-005497
81-005498
81-005505
81-005515
81-005716
81-005720
81-005815
81-005821
81-005885
81-005898
81-005902
81-005907
81-005909
81-005964
81-005965
81-005974
81-005987
81-005988
81-006010
81-006011
81-006012
81-006036
81-006058
81-006393
81-006424

...CONTINUED...
Finland
81-006500
81-006654
Florida
81-005057
81-005300
81-005381
81-005432
81-005670
81-006084
81-006176
81-006196
81-006356
81-006768
81-006903
81-006980
81-007029
81-007035
Florida, Coastal
81-006571
81-006921
Florida, Northern
81-005833
Florida, Northwestern
81-005701
81-006148
Florida, Southern
81-005290
Florida: Brevard County
81-007030
Florida: Charlotte County
81-005017
Florida: Escambia County
81-006700
Florida: Hamilton County
81-004879
Florida: Keys
81-006916
Florida: Merritt Island
81-005969
81-006443
81-006946
81-007020
Florida: Seminole County
81-006658
France
81-004840
81-004960
81-005052
81-005128
81-005356
81-005433
81-005512
81-005725
81-005847
81-006087
81-006197
81-006247
81-006289
81-006310
81-006458
81-006500
81-006527

...CONTINUED...

France
81-006580
81-006603
81-006616
French Guyana
81-006776
French Polynesia
81-005731
Galapagos Islands
81-004843
81-005152
81-005882
81-006680
81-006902
Georgia
81-006602
81-006977
81-007058
Georgia: Cobb County
81-006718
Georgia: Coweta County
81-004729
Georgia: Decatur County
81-006985
Georgia: Eufaula Natl. Wildlife Refuge
81-005737
81-006050
Georgia: Glynn County
81-006178
Georgia: Heard County
81-004729
Georgia: Thomas County
81-005676
Georgia: Troup County
81-004729
Great Britain
81-004956
81-005975
81-005978
81-006018
81-006056
81-006062
81-006106
81-006109
81-006188
81-006203
81-006408
81-006421
81-006560
81-006581
81-006583
Greece
81-005723
81-005755
81-006382
81-007042
81-007043
Grenada
81-007027
81-007065
Guadeloupe
81-005749
Guam
81-005062
Guatemala
81-005025
81-005937
81-006535
Guinea
81-006113
Gulf of Mexico
81-005441
Hawaii
81-005145
81-005150
81-005403
81-005405
81-005448
81-005721
81-006019
81-006140
81-006141
81-006142
81-006268
81-006639
Honduras
81-006832
Hungary
81-006198
Iberian Peninsula
81-005162
81-006851
Iceland
81-006013
81-006241
Idaho
81-005073
81-005096
81-005332
81-006163
81-006257
81-006332
81-006414
Idaho, Northcentral
81-006812
Idaho, Southeastern
81-006627
Illinois
81-005215
81-005677
81-005979
Illinois, Central
81-006456
Illinois: McDonough County
81-006731
India
81-005031
81-005033
81-005034
81-005035
81-005041
81-005045
81-005080
81-005142
81-005144
81-005163
81-005249

...CONTINUED...
India
81-005278
81-005394
81-005492
81-005556
81-005557
81-005621
81-005635
81-005659
81-005684
81-005685
81-005710
81-005711
81-005946
81-006172
81-006175
81-006194
81-006387
81-006435
81-006499
81-006573
81-006621
81-006622
81-006682
81-006754
81-006830
81-006877
81-006893
81-006908
81-006960
81-007034
81-007051
81-007061
81-007062
Indian Ocean
81-004800
Indiana
81-004868
81-005076
81-005279
81-006090
81-006438
Indiana, Northern
81-006600
Indiana, Southcentral
81-006822
Indiana, Southwestern
81-004909
Indiana: Lake County
81-006296
Indonesia
81-005123
81-005391
81-005547
81-005569
81-005644
81-006880
Iowa
81-005851
81-005936
81-006609
81-006648
Iraq
81-005240
Ireland
81-006408
81-006581
81-006583
Israel
81-004913
81-005179
81-005521
81-005533
81-006299
81-006551
81-006841
Italy
81-005687
Ivory Coast
81-005536
81-006847
Jamaica
81-004841
81-005951
81-006110
Japan
81-004887
81-004911
81-005245
81-005594
81-005623
81-005748
81-006045
81-006245
81-006329
81-006367
81-006434
81-006558
81-006559
81-006564
81-006597
81-006679
81-006746
Kansas
81-006088
81-006114
81-006618
81-006957
Kansas, Southeastern
81-005810
Kansas: Cowley County
81-006069
Kansas: Wallace County
81-005208
Kentucky
81-005957
81-006482
Kentucky: Bullitt County
81-005042
Kentucky: Calloway County
81-006762
Kentucky: Daniel Boone Natl. Forest
81-006725
Kentucky: Franklin County
81-005880
Kentucky: Jefferson County
81-006488

Kenya
81-004831
81-005303
81-005396
81-005538
81-005563
81-005582
81-005629
81-005691
81-005728
81-005784
81-006165
81-006183
81-006184
81-006185
81-006298
81-006615
81-006689
81-006707
81-006723
Komodo Islands
81-006732
Lake Erie
81-006828
Louisiana
81-004885
81-004955
81-005131
81-005312
81-005756
81-007058
Louisiana, Northcentral
81-006668
Louisiana, Northwestern
81-004893
Louisiana, Southern
81-005818
Louisiana: Allen Parish
81-004736
Luxemburg
81-006503
Madagascar
81-006234
Maine
81-005435
Malawi
81-004768
Malaysia
81-004948
81-005930
81-006470
81-006885
81-007055
Maldive Islands
81-005752
Marion Island
81-005412
Marshall Islands
81-005150
81-006260
Maryland
81-005381
81-005876

...CONTINUED...
Maryland
81-005948
81-006204
81-006497
81-006745
Maryland: Allegany County
81-006411
Maryland: Anne Arundel County
81-006156
Maryland: Garrett County
81-005155
81-005461
81-006411
81-006505
Maryland: Worcester County
81-006274
Massachusetts
81-005262
81-005301
81-005706
81-005832
81-005839
81-006112
81-006139
Massachusetts, Western
81-006871
Massachusetts: Middlesex County
81-006584
Mexico
81-005036
81-005282
81-005383
81-005525
81-005662
81-005793
81-005881
81-005990
81-006031
81-006192
81-006845
81-006866
81-006998
81-007005
81-007018
81-007050
Michigan
81-004854
81-004873
81-005009
81-005471
81-005474
81-006667
Michigan, Southeastern
81-006478
Michigan, Southern
81-005265
Minnesota
81-004774
81-005337
81-005718
81-005739
81-005933
81-006061

...CONTINUED...
Minnesota
81-006104
81-006105
81-006122
81-006157
81-006167
81-006205
81-006322
81-006469
81-006533
81-006706
81-006793
Minnesota, Eastcentral
81-005703
Minnesota, Northeastern
81-004938
Minnesota: Beltrami County
81-006339
Minnesota: Cook County
81-006121
Minnesota: Dakota County
81-006514
Minnesota: Itasca County
81-006067
Minnesota: Lake County
81-004907
Minnesota: Le Sueur County
81-006630
Minnesota: Marshall County
81-006158
Minnesota: Pennington County
81-005751
Minnesota: St. Louis County
81-006206
81-006532
81-006650
Minnestoa: Cass County
81-006225
Mississippi
81-004874
81-005463
81-006161
Missouri
81-006318
81-006836
81-006961
81-007059
Missouri, Northeastern
81-005006
Missouri: Grundy County
81-005059
Missouri: Monroe County
81-005910
Mongolian People's Republic
81-005286
81-005294
81-005357
Montana
81-005560
81-006914
Montana, Central
81-005760
Montana, Eastern
81-005119
Montana, Northwestern
81-006716
Montana: Flathead County
81-004908
Montana: Lewis and Clark County
81-004728
Montana: Richland County
81-004738
Morocco
81-005204
Mozambique
81-004768
Nebraska
81-004851
81-006297
81-006452
81-007060
Nebraska, Southwestern
81-006300
Nebraska, Western
81-006703
Nebraska: Burt County
81-004731
Nebraska: Keya Paha County
81-004739
Nepal
81-004777
81-004901
81-005492
81-005568
81-005733
81-006891
Netherlands
81-005065
81-006015
81-006043
81-006063
81-006077
81-006125
81-006132
81-006133
81-006135
81-006179
81-006271
81-006309
81-006336
81-006403
81-006498
81-006503
81-006504
81-006530
81-006613
81-006670
Netherlands Antilles
81-006873
New Hampshire
81-004782
81-004797
81-004862
81-005688
81-006070
81-006396
New Hampshire, Coastal
81-005743

New Hampshire: Hillsboro County
81-006584
New Hampshire: Hubbard Brook Experimental Forest
81-006632
New Jersey
81-006124
81-006169
81-006401
81-006455
81-006471
81-006620
81-006636
New Jersey, Central
81-006464
New Jersey: Morris County
81-006807
New Mexico
81-004746
81-004942
81-005282
81-005514
81-005820
81-006898
New Mexico: Dona Ana County
81-006625
New Mexico: Otero County
81-005029
New York
81-005107
81-005248
81-005468
81-006091
81-006092
81-006196
81-006681
New York, Central
81-006365
New York, Northern
81-007001
New York, Southeastern
81-006655
New York: Adirondacks
81-005460
New York: Catskills
81-005342
New York: Cayuga County
81-005318
New York: Chautauqua County
81-006303
New York: Dutchess County
81-005866
New York: Long Island
81-006749
New York: Nassau County
81-006389
New York: Suffolk County
81-006021
81-006254
81-006427
New York: Sullivan County
81-006404
New Zealand
81-004818

...CONTINUED...
New Zealand
81-004845
81-004846
81-005153
81-005426
81-005694
81-005695
81-005863
81-005865
81-005870
81-005900
81-006030
81-006131
81-006168
81-006171
81-006212
81-006244
81-006273
81-006275
81-006433
81-006472
81-006519
81-006619
81-006687
81-006694
81-006696
81-006704
81-006714
81-007040
Nicaragua
81-006989
Nigeria
81-004856
81-005026
Niue Island
81-005037
North America
81-005667
81-006217
81-006327
81-006608
North Carolina
81-004880
81-005164
81-006116
81-006975
81-006976
North Carolina, Coastal
81-006055
North Carolina: Carteret County
81-007030
North Carolina: Cedar Island Natl. Wildlife Refuge
81-005754
North Carolina: Guilford County
81-006591
North Carolina: Onslow County
81-006870
North Carolina: Swain County
81-006787
North Carolina: Transylvania County
81-006787
North Dakota
81-004853

...CONTINUED...
North Dakota
81-005707
81-005985
North Dakota, Northeastern
81-005700
North Dakota: Burleigh County
81-006544
North Dakota: Sargent County
81-006392
North Dakota: Sheyenne Natl. Grasslands
81-005905
North Dakota: Slope County
81-006579
Norway
81-005324
81-005343
81-005365
81-005366
81-005373
81-005375
81-005378
81-005389
81-005397
81-005431
81-005449
81-005505
81-005513
81-005518
81-005665
81-005747
81-005806
81-005814
81-005845
81-005884
81-005906
81-005971
81-005972
81-005980
81-005999
81-006003
81-006004
81-006005
81-006006
81-006014
81-006016
81-006017
81-006023
81-006033
81-006037
81-006039
81-006040
81-006048
81-006057
81-006093
81-006126
81-006127
81-006174
81-006215
81-006218
81-006235
81-006236
81-006237
81-006238

...CONTINUED...
Norway
81-006258
81-006266
81-006281
81-006287
81-006293
81-006301
81-006338
81-006345
81-006374
81-006381
81-006388
81-006399
81-006407
81-006412
81-006413
81-006453
81-006459
81-006474
81-006475
81-006476
81-006480
81-006483
81-006489
81-006502
81-006510
81-006538
81-006553
81-006554
81-006631
81-006638
81-006653
81-006727
Ohio
81-006302
81-006748
81-006828
Ohio, Northern
81-006804
Ohio: Athens County
81-005126
Ohio: Seneca County
81-004733
Oklahoma
81-005820
81-005895
81-006405
Oklahoma, Central
81-006292
81-006406
Oklahoma, Northern
81-006088
Oklahoma, Southwestern
81-006419
Oklahoma, Western
81-004746
Oklahoma: Alfalfa County
81-004842
Oklahoma: Cimarron County
81-005719
Oklahoma: Comanche County
81-005944
81-006652

Oklahoma: Custer County
81-006041
Oklahoma: Grant County
81-006509
Oklahoma: Kiowa County
81-006216
Oklahoma: Osage County
81-005888
Oklahoma: Ottawa County
81-006426
81-006676
Oklahoma: Tulsa County
81-006263
Oklahoma: Washington County
81-006526
81-006699
Oklahoma: Woodward County
81-005022
Oregon
81-006066
81-006080
81-006086
81-006377
81-006477
81-006995
Oregon, Coastal
81-005442
Oregon, Southeastern
81-005206
Oregon, Southern
81-006065
Pacific Ocean
81-005405
Pakistan
81-004962
81-005744
Panama
81-005652
81-005774
81-006094
Panama Canal Zone
81-005016
Papua New Guinea
81-006859
Pennsylvania
81-005110
81-005122
81-006604
Pennsylvania, Northwestern
81-006744
Pennsylvania, Western
81-006566
Pennsylvania: Butler County
81-007011
Pennsylvania: Venango County
81-007011
Peru
81-004776
81-005275
81-005276
81-006101
81-006614
81-006645

...CONTINUED...
Peru
81-006674
81-006705
Philippines
81-005050
Poland
81-004869
81-004897
81-004999
81-005139
81-005184
81-005185
81-005218
81-005247
81-005456
81-005481
81-005489
81-005499
81-005709
81-005726
81-005858
81-005859
81-006120
81-006159
81-006654
Puerto Rico
81-005740
Romania
81-006541
Samoa Islands
81-006173
Scandinavia
81-005508
Scotland
81-005000
81-005331
81-005368
81-005392
81-005398
81-005523
81-005759
81-005857
81-005977
81-005994
81-006047
81-006051
81-006095
81-006102
81-006115
81-006128
81-006221
81-006223
81-006259
81-006307
81-006521
81-006543
81-006592
81-006660
81-006698
Senegal
81-005081
81-005883
Seychelles Islands
81-004769

Somalia
81-006507
South Africa
81-004732
81-004822
81-004824
81-004825
81-004850
81-004936
81-005043
81-005201
81-005242
81-005271
81-005320
81-005519
81-005548
81-005555
81-005607
81-005738
81-005763
81-005939
81-006079
81-006108
81-006193
81-006214
81-006270
81-006294
81-006295
81-006330
81-006354
81-006358
81-006410
81-006423
81-006468
81-006479
81-006550
81-006582
81-006736
South America
81-007005
South Carolina
81-007022
South Carolina, Coastal
81-004892
81-006739
South Carolina: Berkeley County
81-006708
South Dakota
81-004865
81-005104
South Dakota: Aurora County
81-004740
South Dakota: Black Hills
81-006633
South Dakota: Gregory County
81-006656
South Dakota: Moody County
81-006671
South Dakota: Tripp County
81-006220
South West Africa
81-005388
81-005401

...CONTINUED...
South West Africa
81-005558
81-005763
81-006290
81-006395
81-006508
81-006713
Spain
81-004783
81-005349
81-005546
81-005552
81-005699
81-005702
81-005844
81-006153
81-006201
81-006624
81-006819
Sri Lanka
81-005440
81-007023
81-007062
Sweden
81-005066
81-005069
81-005070
81-005484
81-005714
81-005745
81-005746
81-005822
81-005837
81-005838
81-005976
81-006026
81-006027
81-006073
81-006111
81-006147
81-006203
81-006357
81-006422
81-006536
81-006542
81-006574
81-006588
81-006589
81-006593
81-006863
Switzerland
81-005197
81-005207
81-005554
81-005821
81-006001
81-006187
81-006243
81-006288
81-006495
81-006540
81-006578
81-006626

...CONTINUED...
Switzerland
81-006686
Taiwan
81-004950
Tanzania
81-004781
81-005018
81-005040
81-005522
81-005631
81-006417
81-006719
Tennessee
81-005057
81-005559
81-006418
81-006999
Tennessee: Blout County
81-004778
Tennessee: Fayette County
81-005912
Texas
81-004770
81-004830
81-004942
81-005282
81-005820
81-005992
81-006741
81-006955
Texas, Eastern
81-006672
Texas, Southern
81-005222
81-006029
81-006821
Texas, Western
81-005280
Texas: Burleson County
81-005302
Texas: El Paso County
81-005289
81-006625
Texas: Harris County
81-006317
Texas: Hidalgo County
81-006337
Texas: Montgomery County
81-006895
Texas: Refugio County
81-005896
Texas: Terrell County
81-006968
Texas: Trinity County
81-004867
Togo
81-006847
Tristan da Cunha Group
81-005689
Tunisia
81-005013
81-006878
Turkey
81-005285

...CONTINUED...
Turkey
81-006363
Uganda
81-005599
81-005647
United Kingdom
81-005698
81-006074
United States
81-004799
81-004891
81-005024
81-006009
81-006375
81-006888
United States, Northeastern
81-004875
United States, Northwestern
81-006402
United States, Southeastern
81-004863
81-004864
81-005348
81-005441
81-005545
81-006103
81-006318
United States, Southwestern
81-004886
United States, Western
81-006342
Uruguay
81-005030
81-006060
81-006940
81-006941
USSR
81-004810
81-004896
81-004925
81-004939
81-005254
81-005336
81-005757
USSR: Kazakh
81-005160
81-005283
81-006889
USSR: Uzbek
81-005288
Utah
81-004764
81-005099
81-005181
81-006066
81-006414
81-006420
Utah, Central
81-004848
Utah: Bear River Migratory Bird Refuge
81-005875
Utah: Millard County
81-005238

Utah: Wasatch Mountains
81-005180
81-005462
Venezuela
81-006228
81-006359
Vermont
81-005470
Viet Nam
81-004803
Virgin Islands
81-005734
Virginia
81-005118
81-005876
81-006664
81-006879
Virginia, Coastal
81-005195
Virginia, Southwestern
81-006663
81-006697
Virginia: Botetourt County
81-005819
Virginia: Dismal Swamp
81-005730
Virginia: Gloucester County
81-004737
Virginia: Montgomery County
81-006154
81-006590
Wales
81-006129
81-006305
81-006373
81-006425
81-006783
Washington
81-004884
81-006086
81-006308
81-006348
81-006351
81-006353
81-006384
81-006397
Washington, Coastal
81-005446
Washington, Northwestern
81-006386
Washington, Southcentral
81-006313
81-006314
Washington, Western
81-006280
81-006321
81-006325
Washington: Benton County
81-004899
Washington: Columbia River
81-006311
81-006430
Washington: Grays Harbor County
81-005264
Washington: Mt. Baker-Snoqualmie Natl. Forest
81-006324
Washington: San Juan Islands
81-006291
81-006371
Washington: Yakima County
81-006447
West Germany
81-004779
81-004859
81-005056
81-005310
81-005490
81-005491
81-005509
81-005722
81-005735
81-005846
81-005945
81-006200
81-006347
81-006391
81-006450
81-006500
81-006540
81-006640
81-006646
81-006678
81-006683
West Virginia: Grant County
81-005831
West Virginia: Monongahela Natl. Forest
81-005228
West Virginia: Tucker County
81-004881
81-004882
81-005831
Western Samoa
81-006226
Wisconsin
81-004947
81-005334
81-005851
81-005981
81-006028
81-006176
81-006659
Wisconsin, Central
81-006315
Wisconsin, Northwestern
81-005703
Wisconsin, Southwestern
81-005908
Wisconsin: Dodge County
81-005023
Wisconsin: Waukesha County
81-006501
Wyoming
81-005104
81-005338
81-006191
Wyoming: Albany County
81-005093

Wyoming: Carbon County
81-005093
Wyoming: Teton Natl. Park
81-005089
Yemen
81-005727
Yugoslavia
81-005991
81-006546
Zambia
81-005306
81-005996
81-006224
Zimbabwe
81-005763

Amphibians/Reptiles--Behavior
Agonistic Behavior
81-007060
Attacks on Humans
81-006911
Auditory Sense
81-006750
81-006846
81-007058
Breeding
81-006777
Cannibalism
81-007032
Care/Rearing of Young
81-006852
81-006892
Coprophagy
81-007000
Courtship Behavior
81-006923
Death Feigning
81-007024
Diurnal Rhythm
81-006964
General
81-006979
Grooming
81-007015
Hibernation
81-006895
Interspecies Relationships
81-006787
81-006809
Learning
81-006798
Locomotion
81-006894
Mating
81-006783
Olfactory Sense
81-006774
81-006811
Phototactic Behavior
81-006794
Predator/Prey Relationships
81-006774
Propagation
81-006936
Reproduction
81-006852
81-006940
Scavengers
81-006933
Sight
81-006765
Social Behavior
81-006947
Tactile Sense
81-006765
81-006766
Thermoregulation
81-006777
81-006825
Amphibians/Reptiles--Behavior
Thermorequlation
81-006872
81-006924
81-006947
Tongue Flicking
81-007057
Vocalization
81-006750
81-006777
81-006841
81-006845
81-007058
Amphibians/Reptiles--Communities
Arizona
81-006740
Canada: British Columbia
81-006743
81-006747
Colorado: Jefferson County
81-006742
India
81-007051
Islands
81-006739
Japan
81-006746
Komodo Islands
81-006732
Maryland
81-006745
New York: Long Island
81-006749
Ohio
81-006748
Pennsylvania, Northwestern
81-006744
South Africa
81-006736
South Carolina, Coastal
81-006739
Species Diversity
81-006822
Texas
81-006741
Amphibians/Reptiles--General
Aging
81-006734
Distribution/Maryland
81-006745
Ecology
81-006732
Status/Spain
81-004783
Amphibians/Reptiles--Morphology
Abnormalities
81-006914
81-006973
Auditory Sense
81-007014
Central Nervous System
81-006854
81-006919
Eggs
81-006926

...CONTINUED...
Amphibians/Reptiles--Morphology
Eggs
81-006995
Embryology
81-006838
Eyes
81-006920
General
81-006985
Head
81-006876
81-006914
81-006944
Histology
81-007019
Hypothalamus
81-007008
Jaws
81-006831
Kidneys
81-006820
Lungs
81-006784
81-006967
Middle Ear
81-007014
Muscles
81-007037
Osteology
81-007012
Pineal Gland
81-006803
Salt Gland
81-007019
Scales
81-006956
Sight
81-006756
81-006920
Tongue
81-007036
Vertebrae
81-006888
Amphibians/Reptiles--Parasites/Diseases
Arthritis
81-006996
Bacterial Diseases
81-006737
81-006793
Cysts
81-006847
Nematodes
81-006875
Osteomyelitis
81-006996
Pentastomids
81-007013
Platyhelminths
81-006885
Protozoan Diseases
81-006795
81-006847
Salmonella
81-006737

...CONTINUED...
Amphibians/Reptiles--Parasites/Diseases
Trematodes
81-006762
Amphibians/Reptiles--Pesticides/Pollution
Lindane
81-004832
Phenols
81-004834
Amphibians/Reptiles--Physiology
Aestivation
81-006796
Albinism
81-006871
81-006930
81-006998
Albinsim
81-006980
Bioenergetics
81-006864
Body Temperature
81-007064
Brain
81-006767
81-006772
Cardiovascular System
81-006839
81-006874
81-007016
Central Nervous System
81-006917
81-006918
Chemical Composition
81-006781
81-006950
Chromosomes
81-006755
Cytology
81-006881
81-006972
81-007067
Digestive System
81-006842
Digestive Tract
81-006797
Diving
81-006932
DNA
81-006840
Eggs
81-006817
81-006927
81-006991
81-006992
Embryology
81-006771
81-006776
81-006802
81-006810
81-006856
81-006939
Endocrinology
81-006752
81-006779

...CONTINUED...
Amphibians/Reptiles--Physiology
Endocrinology
81-006974
81-006982
81-007059
Enzymes
81-006773
81-006782
Epididymis
81-006969
Foods/Feeding
81-006864
Gestation
81-006776
Heart Rate
81-005299
81-006874
Hematology
81-006796
81-006901
81-006939
Hormones
81-006801
81-006806
81-006823
81-006833
81-006865
81-006882
81-006915
81-006924
81-006954
81-006969
81-007045
Hyperglycemia
81-006861
Hypothalamus
81-006733
81-006778
Insulin
81-006833
Liver
81-006816
81-007045
Locomotion
81-006935
81-007054
Lymphatics
81-006922
Metabolism
81-006758
81-006759
81-006791
81-006826
81-006853
81-006873
81-006886
81-006909
81-006932
81-006935
81-007038
81-007054
81-007066
Metamorphosis
81-006768

...CONTINUED...
Amphibians/Reptiles--Physiology
Metamorphosis
81-006806
81-006816
Mucous Gland
81-006788
Muscles
81-006805
Nutrition
81-006792
Osmoregulation
81-006882
81-006886
Ovulation
81-006823
Oxygen
81-006796
81-006916
81-006950
Parietal Eyes
81-007047
Pineal Gland
81-006803
81-006964
Pituitary Gland
81-006789
Proteins
81-006816
81-006829
81-006913
Regeneration
81-007026
Reproduction
81-006761
81-006785
81-006786
81-006870
81-006879
81-006889
81-006943
81-006945
81-007011
Respiration
81-006934
Respiratory System
81-007028
RNA
81-006799
Sexual Maturity
81-006815
Skin
81-006738
81-006763
81-006849
81-006858
Skin Shedding
81-007038
Stress
81-006790
81-006839
Subcommissural Organ
81-006769
Tail Autotomy
81-006770
81-007026

...CONTINUED...
Amphibians/Reptiles--Physiology
Temperature Relationships
81-006792
81-006992
Testes
81-006969
81-007067
Testicular Cycle
81-006843
81-006865
81-006984
Thermoregulation
81-006904
81-007047
81-007066
Thyroid Gland
81-006945
81-007066
Ultimobranchial Body
81-006844
81-007046
Venom
81-006751
81-006757
81-006860
81-006868
81-006884
81-006899
81-006900
81-006905
81-006937
81-006970
81-006971
81-006978
81-006981
81-006986
81-006987
81-006997
81-007006
81-007039
81-007044
81-007052
81-007063
81-007068
Water Metabolism
81-006760
81-006763
81-006808
81-006916
Water Supply
81-006839
Amphibians/Reptiles--Techniques
Aging
81-006734
81-006780
81-006897
Cardiovascular System
81-006855
Census/Survey Methods
81-006988
Electrophoresis
81-006816
81-006855

...CONTINUED...
Amphibians/Reptiles--Techniques
Food Habits Studies
81-006869
81-007004
Marking
81-006948
Movements
81-007021
Preservation
81-006835
81-006962
Recording Equipment
81-007057
Sample Preparation
81-006735
Sexing
81-006985
81-007031
Surgery
81-006931
Testes
81-006735
Traps/Trapping
81-006929
81-007002
81-007009
Bibliographies
Canidae
81-005330
Martes
81-005382
Mustela pennanti
81-005382
Polish Theriological Bibliography, 1979
81-004745
Strigiformes
81-006327
Birds--Banding Studies
Africa, Southern
81-005836
Brazil
81-005824
General
81-005826
Great Britain
81-006581
Ireland
81-006581
Sweden
81-005837
Techniques
81-005825
Birds--Behavior
Aggressive Behavior
81-005808
81-005879
81-005935
81-006064
81-006092
81-006426
Agonistic Behavior
81-006176
81-006444

...CONTINUED...
Birds--Behavior
Agonistic Behavior
81-006712
Alarms
81-006531
81-006597
Altruism
81-005803
81-006463
81-006606
81-006684
Auditory Sense
81-006444
81-006522
Bathing
81-005798
Belly Soaking
81-006565
Breeding
81-005916
81-005960
81-006065
81-006463
81-006707
Broods/Brooding
81-006292
81-006405
Burrows
81-005768
Cannibalism
81-006480
Care/Rearing of Young
81-005938
81-005953
81-006441
81-006531
81-006563
81-006606
81-006682
Courtship Behavior
81-006065
81-006177
Defensive Behavior
81-006022
Density
81-006598
Dispersal
81-005936
Displays
81-005901
81-006056
81-006306
Drumming
81-005908
Feeding Sites
81-005967
Flight
81-005809
81-005979
81-006018
81-006033
Flocks
81-005813

...CONTINUED...
Birds--Behavior
Flocks
81-006033
81-006123
81-006606
Food Hoarding
81-006619
Food Robbing
81-005793
81-005805
81-005814
81-006111
81-006151
Foods/Feeding
81-005792
81-005794
81-005802
81-006148
81-006177
81-006213
81-006230
81-006235
81-006242
81-006281
81-006415
81-006454
81-006519
81-006521
81-006557
81-006566
81-006598
81-006628
81-006661
81-006663
81-006697
81-006707
81-006708
81-006715
General
81-005796
81-005950
81-006042
81-006152
81-006195
81-006549
81-006558
81-006562
Habitat Use
81-006464
81-006529
Hatching
81-006124
Head Movements
81-006728
Home Range/Territory
81-006445
81-006458
81-006524
81-006701
81-006707
Homing/Orientation
81-005813
Incubation
81-006078
81-006689

...CONTINUED...
Birds--Behavior
Interspecies Relationships
81-005795
81-005801
81-005879
81-005900
81-005970
81-006026
81-006040
81-006057
81-006094
81-006101
81-006134
81-006161
81-006213
81-006426
81-006529
81-006539
81-006566
81-006600
81-006632
81-006661
81-006666
81-006672
81-006682
Intraspecies Relationships
81-005812
81-006484
81-006494
81-006548
81-006552
81-006612
81-006635
Learning
81-005966
81-005967
Mating
81-005930
81-006637
Migration
81-006038
Mimicry
81-006493
Mobbing
81-005791
81-006217
Nest Material
81-006537
Nest Parasitism
81-005784
81-005815
81-006465
81-006730
Nesting Sites
81-006508
Nests/Nesting
81-005970
81-006474
81-006537
81-006631
81-006715
Orientation/Homing
81-005840

...CONTINUED...
Birds--Behavior
Orientation/Homing
81-005952
81-005961
81-006141
81-006142
81-006474
Pair Formation
81-005930
81-006053
81-006623
81-006678
Play Behavior
81-006084
81-006380
81-006409
81-006711
Polygamy
81-006166
81-006591
81-006647
Predator/Prey Relationships
81-005797
81-005813
81-005926
Renesting
81-006469
Reproduction
81-005936
Resting Sites
81-006664
Roosts/Roosting
81-006464
Scavengers
81-006719
Sleep
81-006074
81-006664
Social Behavior
81-005785
81-005786
81-005789
81-005790
81-005799
81-005804
81-005817
81-005915
81-005939
81-006123
81-006171
81-006227
81-006242
81-006440
81-006485
81-006701
Swimming
81-006244
Temperature Relationships
81-005783
Thermoregulation
81-005938
81-006078
81-006565
Vocalization
81-005800

...CONTINUED...
Birds--Behavior
Vocalization
81-005807
81-005916
81-006231
81-006232
81-006329
81-006445
81-006458
81-006476
81-006486
81-006502
81-006513
81-006522
81-006524
81-006531
81-006536
81-006552
81-006575
81-006576
81-006584
81-006586
81-006597
81-006623
81-006629
81-006630
81-006634
81-006654
81-006673
81-006686
81-006722
81-006726
Birds--Communities
Africa, East
81-005690
Alabama: Eufaula Natl. Wildlife Refuge
81-005737
Amirante Islands
81-005704
Arizona
81-005742
81-005762
Australia
81-005696
Australia: New South Wales
81-005712
81-005729
81-005761
Australia: Norfolk Island
81-005732
Australia: Northern Territory
81-005753
Austria
81-005717
California
81-005742
California, Southern
81-005762
Canada: Alberta
81-005705
Canada: British Columbia
81-004802
Canada: Northwest Territories
81-005741

...CONTINUED...
Birds--Communities
Cape Verde Islands
81-005724
Citrus Groves
81-005762
Colorado, Northwestern
81-005750
Cook Islands
81-005693
Cuba
81-005697
Czechoslovakia
81-005686
East Germany
81-005708
Egypt
81-005715
Farmland
81-005722
81-005725
Finland
81-005716
81-005720
Florida, Northwestern
81-005701
Florida: Hamilton County
81-004879
Forestry Practices
81-004881
Forests
81-005695
81-005756
Forests, Deciduous
81-005746
81-005818
Forests, Tropical
81-005728
France
81-005725
French Polynesia
81-005731
Georgia: Eufaula Natl. Wildlife Refuge
81-005737
Greece
81-005723
Guadeloupe
81-005749
Habitat Alterations
81-004875
Habitat Use
81-005742
Hawaii
81-005721
History/New Hampshire
81-005743
History/Tristan da Cunha Group
81-005689
History/USSR
81-005757
India
81-005684
81-005685
81-005710

...CONTINUED...
Birds--Communities
India
81-005711
Islands
81-005688
81-005721
81-005731
Italy
81-005687
Japan
81-005748
Kansas, Southeastern
81-005810
Kenya
81-005691
81-005728
Louisiana
81-005756
Louisiana, Southern
81-005818
Maldive Islands
81-005752
Massachusetts
81-005706
Mining
81-004879
Minnesota
81-005718
81-005739
Minnesota, Eastcentral
81-005703
Minnesota: Pennington County
81-005751
Montana, Central
81-005760
Nepal
81-005733
New Hampshire
81-005688
81-005743
New Zealand
81-005694
North Carolina: Cedar Island Natl.
Wildlife Refuge
81-005754
North Dakota
81-005707
North Dakota, Northeastern
81-005700
Norway
81-005747
Overwintering
81-005709
Pakistan
81-005744
Pine Plantations
81-005695
81-005788
Poland
81-005709
81-005726
Puerto Rico
81-005740

...CONTINUED...
Birds--Communities
Reserves/Refuges/Parks
81-005692
81-005763
Riparian Habitat
81-005742
81-005750
81-005762
81-005975
Savannas
81-005738
Scotland
81-005759
South Africa
81-005738
81-005763
South West Africa
81-005763
Spain
81-005699
81-005702
Sweden
81-005714
81-005745
81-005746
81-005822
United Kingdom
81-005698
Urban Habitat
81-005726
Virgin Islands
81-005734
Virginia: Dismal Swamp
81-005730
West Germany
81-005735
Wisconsin, Northwestern
81-005703
Yemen
81-005727
Zimbabwe
81-005763
Zoogeography
81-005720
Birds--Damage
Agricultural Crops
81-005964
81-005965
Aircraft
81-005890
alpha-Chlorolose
81-006326
Methiocarb
81-005883
Nets/Netting
81-005887
Nontarget Organisms
81-004833
81-006326
Population Control
81-005887
Sorghum
81-005883

...CONTINUED...
Birds--Damage
4-aminopyridine
81-005852
Birds--General
Chromosomes
81-005782
Clutches
81-005821
Collections
81-005684
81-005685
Common Names
81-005662
Disturbances
81-004870
Egg Collections
81-005690
Electrophoresis
81-005811
Endangered/Threatened Species
81-004799
81-004800
Evolution
81-005782
Feeding Sites
81-005661
81-005668
Foods/Feeding
81-005671
81-005677
81-005788
Forest/Wildlife Relationships
81-005663
81-005667
81-005669
Genetics
81-005811
Morphology
81-005769
Paleobiology
81-005670
Photography
81-004870
Population Ecology
81-004873
81-005819
81-005821
81-005823
Predation
81-007065
Predators
81-004844
81-004845
81-004849
Status/East Germany
81-005664
Urban Habitat
81-005666
81-005981
Urbanization
81-004873
Wildlife/Livestock Relationships
81-006029

...CONTINUED...
Birds--General
Winter
81-005819
Birds--Migration
Alaska: Aleutian Islands
81-005830
Canada: Nova Scotia
81-005835
Colorado
81-005829
East Germany
81-005828
Florida, Northern
81-005833
Iceland
81-006241
Massachusetts
81-005839
Physiology
81-006596
Radar
81-005834
Sweden
81-005838
Techniques
81-005681
81-005834
West Virginia: Grant County
81-005831
West Virginia: Tucker County
81-005831
Birds--Morphology
Abnormalities
81-006268
81-006582
Auditory Sense
81-005779
Bills
81-005772
81-006071
Coloration
81-006046
81-006133
81-006171
81-006243
81-006378
81-006483
81-006547
81-006701
Ears
81-005918
Eggs
81-005767
81-006690
Eyes
81-006512
Feathers
81-005770
81-005917
Feet
81-006432
Flight
81-005764

...CONTINUED...
Birds--Morphology
Flight
81-005766
81-006360
81-006429
Gallbladder
81-006446
General
81-005764
81-005765
81-005769
81-005774
81-006462
Head
81-006681
Hypothalamus
81-005928
Kidneys
81-005776
Liver
81-006481
Muscles
81-005766
81-006360
81-006567
Osteology
81-006049
81-006436
Pancreas
81-006487
Plumage
81-006378
81-006582
Sexing
81-005764
Wings
81-006429
Birds--Mortality
Accidents
81-006264
81-006507
Aircraft
81-005843
81-005890
Crippling Loss
81-006028
Drowning
81-006344
Electrocution
81-006354
Fish Nets
81-006266
Fishing Line
81-006337
General
81-005842
Techniques
81-005841
Tides/Waves
81-005974
Towers
81-005843
Birds--Parasites/Diseases
Acanthocephala
81-006010
81-006052

...CONTINUED...
Birds--Parasites/Diseases
Avian Cholera
81-005876
Avian Malaria
81-006497
Avian Tuberculosis
81-005959
Bacterial Diseases
81-005875
81-005876
81-005959
81-006693
Botulism
81-005875
Cestodes
81-005991
Chlamydiosis
81-005874
Coccidiosis
81-005992
81-006000
81-006054
Dermatitis
81-006478
Diagnostic Techniques
81-005875
Duck Plague
81-005993
Ectoparasites
81-005897
81-006599
Encephalomyelitis
81-005940
81-005962
81-005963
Flies
81-006303
Fungal Diseases
81-005878
General
81-006137
Helminths
81-006229
Histomoniasis
81-005872
Influenza
81-005871
Injuries
81-006308
81-006361
Leeches
81-006034
Mites
81-006381
Nematodes
81-005912
81-006456
81-006696
Protozoan Diseases
81-005877
81-005904
81-005992
81-006000

...CONTINUED...
Birds--Parasites/Diseases
Protozoan Diseases
81-006035
81-006054
81-006186
81-006404
81-006497
Schistosomiasis
81-006478
Seizures
81-006369
Serology
81-006035
Treatment
81-006308
81-006361
Trematodes
81-005873
81-006478
Trichomoniasis
81-006404
Vectors of Disease
81-005874
Viral Diseases
81-005871
81-005940
81-005962
81-005963
81-005993
Birds--Pesticides/Pollution
Cadmium
81-005862
Carbamates
81-005855
81-005860
Chlorinated Hydrocarbons
81-005846
81-005858
81-005859
81-005866
DDD
81-005870
DDE
81-005844
81-005869
DDT
81-005844
81-005870
Ethylene Glycol
81-006025
Europe
81-005867
Fenitrothion
81-005848
General
81-005853
81-005867
Heavy Metals
81-005851
81-005856
81-005862
Lead
81-005856

...CONTINUED...
Birds--Pesticides/Pollution
Lead Poisoning
81-005845
81-005856
Mercury
81-005862
Oil Pollution
81-005847
81-005849
81-005850
81-005854
81-005857
81-005861
81-005864
81-005868
81-005869
Organophosphates
81-005855
81-005860
Polychlorinated Biphenyls
81-005844
81-005846
Sodium Fluoroacetate
81-005863
81-005865
Techniques
81-005860
4-aminopyridine
81-005852
Birds--Physiology
Albinism
81-005801
81-006002
81-006068
81-006473
81-006482
81-006488
81-006498
81-006610
Amino Acids
81-005921
Auditory Sense
81-005918
Bioenergetics
81-006108
81-006196
Body Temperature
81-005765
81-005850
81-005911
81-006269
81-006428
Breeding
81-006193
DNA
81-005893
Eggs
81-005767
81-005778
81-005781
81-006008
81-006192
81-006428

...CONTINUED...
Birds--Physiology
Embryology
81-005922
81-005924
81-005925
81-006081
Enzymes
81-005929
81-005973
Flight
81-006596
Glands
81-005914
Hematology
81-005771
81-005777
Hormones
81-005775
81-005914
81-005920
81-005924
81-005927
81-005941
81-005942
81-006442
81-006461
81-006646
Hypercarbia
81-005768
Hypoxia
81-005768
Immunity
81-005923
Incubation
81-006192
Lymphatics
81-005998
Magnesium
81-005767
Migration
81-006596
Molting
81-006027
81-006183
81-006251
81-006543
81-006729
Muscles
81-005932
81-006596
Nitrogen
81-005906
Nutrition
81-006170
Photoperiodism
81-005927
81-005941
Pituitary Gland
81-006442
Productivity
81-006193
Proteins
81-005775

...CONTINUED...
Birds--Physiology
Reproduction
81-006191
81-006252
81-006364
81-006470
81-006624
81-006651
Respiration
81-005768
81-005777
81-006304
81-006692
RNA
81-005914
Salt Gland
81-006032
Sight
81-005943
Skin
81-005780
Stress
81-005911
81-005995
Temperature Relationships
81-006081
Testicular Cycle
81-006457
Thermoregulation
81-005850
81-006414
81-006587
81-006692
81-006706
Thyroid Gland
81-005922
81-006461
Water Metabolism
81-006525
Birds--Techniques
Aging
81-006327
81-006570
Banding
81-005825
81-006327
Banding Studies
81-005841
Biometrics
81-005683
Capturing Methods
81-006107
81-006278
81-006327
Census/Survey Methods
81-005676
81-005678
81-005680
81-005682
81-006119
81-006249
81-006542
81-006695

...CONTINUED...
Birds--Techniques
Electrophoresis
81-005672
Flight
81-005834
Food Habits Studies
81-005683
Food Supply
81-005982
Histology
81-005672
Lead Poisoning
81-005674
Mapping
81-006162
Migration
81-005681
Morphology
81-005675
Nests/Nesting
81-005679
Photography
81-004870
81-005681
Productivity
81-005679
81-005816
Radar
81-005834
Sampling
81-005676
Sexing
81-005983
81-006327
81-006518
81-006577
Survival
81-005841
Tagging
81-005960
Telemetry
81-005958
81-006279
Transect Surveys
81-005678
Traps/Trapping
81-005673
81-006398
Conservation Education
General
81-004744
Conservation Programs
Africa, East
81-004743
Ecosystems
Deserts
81-004776
Islands
81-004800
81-005195
Mangroves
81-004767
Tanzania
81-004781

...CONTINUED...
Ecosystems
Wetlands
81-004863
81-004865
81-004866
Endangered/Threatened Species
Birds--General
81-004790
81-004799
81-004800
81-004802
Canada: British Columbia
81-004786
81-004791
81-004798
81-004802
Canada: Yukon
81-004787
81-004790
81-004798
Critical Habitat
81-004784
81-004788
81-004792
81-004793
81-004796
Esthetic Value
81-004795
General
81-004785
81-004789
81-004801
81-004857
Minnesota
81-005739
New Hampshire
81-004797
Plants--General
81-004748
Reserves/Refuges/Parks
81-004786
Spain
81-004783
Viet Nam
81-004803
Environmental Factors
Celestial Bodies
81-005843
Climate
81-004917
Cyclones
81-005428
Floods
81-006521
Forestry Practices
81-004908
General
81-005188
81-005355
81-006253
81-006592
81-006731
81-007022

...CONTINUED...
Environmental Factors
Geomorphology
81-005908
Light
81-005084
Magnetic Field
81-005251
81-005840
81-005968
Photoperiodism
81-005189
81-005221
81-005233
81-005919
81-005927
81-005941
81-005942
81-006651
Salinity
81-006796
Snow
81-005243
81-005903
81-006664
Temperature
81-005149
81-005602
81-005633
81-005645
81-005783
81-006081
81-006082
81-006692
81-006758
81-006759
81-006792
81-006796
81-006886
81-006909
81-006934
81-006991
81-006992
81-007045
Tides/Waves
81-005974
Tornadoes
81-004907
Volcanoes
81-006447
Weather
81-005787
81-005832
81-005910
81-006038
81-006086
81-006107
81-006420
81-006589
81-006677
Wind
81-005781
Winter
81-005819
81-006677

...CONTINUED...
Environmental Factors
Exotic Species
Argentina
81-004804
General
81-004805
81-004806
Habitat Alterations
Agricultural Practices
81-005722
Aircraft
81-005502
Channelization
81-004880
Dams
81-004872
81-005978
81-005988
81-005989
Disturbances
81-004870
81-004877
81-004884
81-005502
81-005665
81-006386
81-006475
Dredging
81-006990
Energy Development
81-004886
Fires/Burns
81-004899
81-005478
Forestry Practices
81-004878
81-004881
81-004882
81-004883
81-004887
81-006325
General
81-004875
81-004888
Grazing
81-006963
Industrialization
81-006159
Land Use
81-004886
81-005908
81-006373
Lands Use
81-005910
Mining
81-004879
Mowing
81-004876
Pine Plantations
81-005913
Plant Control
81-004868
Reclamation
81-004871

...CONTINUED...
Habitat Alterations
Revegetation
81-004871
Rights-of-Way
81-004874
Roads
81-004876
Urbanization
81-004873
81-006159
Harvest/Hunting Statistics
Finland
81-005317
Hunting/Anti-hunting
Anseriformes
81-005984
General
81-004852
Michigan
81-004854
Traps/Trapping
81-004851
Mammals--Behavior
Aggressive Behavior
81-005166
81-005174
81-005396
Agonistic Behavior
81-005086
81-005176
81-005594
81-005595
Arboreal Behavior
81-005255
Auditory Sense
81-005047
81-005424
81-005447
81-005654
Breeding
81-004981
81-005031
81-005237
81-005295
81-005534
81-005594
81-005644
81-005649
Burrows
81-004996
Cannibalism
81-005309
Caravanning
81-004993
Care/Rearing of Young
81-005169
81-005488
81-005536
81-005591
Climbing
81-005403
Communication
81-004934

...CONTINUED...
Mammals--Behavior
Digging
81-005303
Displays
81-005650
Diurnal Rhythm
81-004937
81-005045
81-005120
81-005128
81-005130
81-005238
81-005350
81-005457
81-005491
Echolocation
81-005003
81-005016
81-005020
81-005027
Flight
81-005045
Food Hoarding
81-005000
81-005278
81-005308
81-005328
Foods/Feeding
81-004996
81-005016
81-005083
81-005313
81-005401
81-005516
General
81-005078
81-005097
81-005171
81-005217
81-005260
81-005379
81-005476
81-005482
81-005502
81-005524
81-005556
81-005607
81-005623
81-005629
Habitat Use
81-005559
Hibernation
81-005091
Home Range/Territory
81-005559
Interspecies Relationships
81-004938
81-005123
81-005179
81-005265
81-005290
81-005327
81-005647

...CONTINUED...
Mammals--Behavior
Intraspecies Relationships
81-005183
81-005448
Learning
81-005091
Locomotion
81-005656
Mating
81-005041
81-005205
81-005208
81-005652
Migration
81-005163
Movements
81-005559
Nursing
81-005248
81-005417
81-005551
Olfactory Sense
81-005220
81-005234
Orientation/Homing
81-005251
Parturition
81-005538
Pheromones
81-004934
81-005174
Pollination
81-004991
81-005039
81-005646
Population Ecology
81-005309
Predator/Prey Relationships
81-005067
81-005322
81-005582
Reproduction
81-004993
Rooting
81-005552
Rutting
81-005513
Sandbathing
81-005293
Scent Marking
81-005166
81-005295
81-005328
81-005338
81-005380
81-005580
Seasonal Activities
81-005130
81-005238
81-005277
81-005491
Social Behavior
81-005104

...CONTINUED...
Mammals--Behavior
Social Behavior
81-005126
81-005158
81-005216
81-005219
81-005223
81-005234
81-005237
81-005292
81-005322
81-005488
81-005509
81-005513
81-005534
81-005535
81-005544
81-005558
81-005574
81-005578
81-005579
81-005589
81-005590
81-005593
81-005603
81-005611
81-005616
81-005638
81-005639
81-005648
Study Methods
81-005087
Swimming
81-005195
Techniques
81-004760
81-005585
Territorial Defense
81-005563
Thermoregulation
81-005277
Vocalization
81-005002
81-005102
81-005399
81-005424
81-005445
81-005448
81-005582
81-005606
Water Consumption
81-005167
81-005385
Mammals--Communities
Argentina
81-004804
81-004903
Arizona: Grand Canyon
81-004910
Australia: Victoria
81-004898
Australia: Western Australia
81-004905
Brazil
81-004904

...CONTINUED...
Mammals--Communities
Chile
81-004900
81-004906
Forestry Practices
81-004908
Forests
81-004898
Habitat Use
81-004892
81-004909
Indiana, Southwestern
81-004909
Islands
81-004892
Japan
81-004911
Louisiana, Northwestern
81-004893
Nepal
81-004901
Poland
81-004897
South Carolina, Coastal
81-004892
Trophic Relationships
81-004906
Urban Habitat
81-004897
USSR
81-004896
81-004925
Zoogeography
81-004905
Mammals--Damage
Alfalfa
81-005185
Forests
81-004869
81-004958
81-005197
Nontarget Organisms
81-005361
81-005863
81-005865
Pine Plantations
81-004959
Repellents
81-004958
Rice
81-005142
Rodenticides
81-005361
Sugarcane
81-004962
Mammals--General
Bibliographies
81-004745
Collections
81-004889
81-005626
Ecology
81-004890

...CONTINUED...
Mammals--General
Evolution
81-004921
81-004924
Fires/Burns
81-004899
Genetics
81-004924
Habitat Use
81-004894
Home Range/Territory
81-004894
Paleobiology
81-004902
81-004913
81-005537
Population Ecology
81-004894
Predation
81-004845
Tornadoes
81-004907
Trophic Relationships
81-004935
Zoogeography
81-004925
Mammals--Morphology
Abnormalities
81-005244
81-005470
Adrenal Gland
81-005191
Brain
81-004920
81-005012
81-005051
81-005116
81-005137
81-005636
Cardiovascular System
81-005442
81-005451
81-005529
Central Nervous System
81-005451
Coloration
81-004999
Corpora lutea
81-005576
Cytology
81-005159
Dentition
81-005060
81-005577
81-005620
Digestive Tract
81-005354
Ears
81-005046
General
81-004913
81-004914
81-004926

...CONTINUED...
Mammals--Morphology
General
81-005442
Glands
81-005209
81-005301
Head
81-004995
Heart
81-005439
81-005529
Jaws
81-005077
81-005657
Kidneys
81-005263
Liver
81-005561
Lungs
81-005353
Male Reproductive Organs
81-005192
81-005244
81-005660
Mastication
81-005077
Muscles
81-005615
81-005641
Osteology
81-005162
81-005470
Ovaries
81-005372
Pancreas
81-005553
Pineal Gland
81-005049
81-005643
Scent Glands
81-005105
Skin
81-004919
81-005303
Sperm
81-005284
Tails
81-005132
Taste Buds
81-005061
Teeth
81-005620
Testes
81-005159
81-005655
Thymus
81-005138
81-005329
Vocalization
81-005425
Mammals--Mortality
Highway Mortality
81-005052

...CONTINUED...
Mammals--Mortality
Highway Mortality
81-005466
81-005490
Lightning
81-005518
Passage Ways
81-005466
Mammals--Parasites/Diseases
Aleutian Disease
81-005358
Anemia
81-005581
Bacterial Diseases
81-004953
81-004957
81-005092
81-005245
81-005316
81-005418
Brucellosis
81-005316
Calculi
81-005321
Captive Animal Care
81-005572
Cardiovascular System
81-005493
Cestodes
81-004954
81-005108
81-005147
Coccidiosis
81-005199
81-005285
81-005289
Colorado Tick Fever
81-004949
81-004952
Cysts
81-005001
81-005566
Ectoparasites
81-005076
Fleas
81-005206
Flies
81-005461
81-005498
81-005504
Fungal Diseases
81-005032
81-005038
General
81-004951
81-004956
81-005364
81-005438
81-005547
81-005573
81-005600
81-005609
Glomerulitis
81-005575
Glomerulonephritis
81-005571

...CONTINUED...
Mammals--Parasites/Diseases
Glomerulonephritis
81-005581
81-005640
Helminths
81-005023
81-005026
81-005348
81-005369
81-005392
81-005398
Hepatitis
81-005122
Herpesvirus
81-004968
81-005610
Histoplasmosis
81-005032
Influenza
81-005367
81-005386
La Crosse Virus
81-004947
Leptospirosis
81-004953
Lesions
81-005493
81-005570
Louisiana
81-004955
Malaysia
81-004948
Mites
81-005055
Modeling
81-005074
Myxomatosis
81-005074
Nematodes
81-004964
81-004965
81-004983
81-004984
81-005089
81-005190
81-005231
81-005268
81-005304
81-005315
81-005325
81-005339
81-005443
81-005465
81-005479
81-005508
81-005596
81-005627
Neoplasms
81-005562
81-005612
Pasteurelosis
81-005542
Powassan Virus
81-005079

...CONTINUED...
Mammals--Parasites/Diseases
Protozoan Diseases
81-005001
81-005019
81-005044
81-005199
81-005285
81-005289
81-005586
81-005587
81-005605
Public Health Problems
81-004957
Rabies
81-005363
Salmonella
81-005418
Transmission of Disease
81-005038
81-005325
Treatment
81-005504
81-005508
Tremadotes
81-004948
Trematodes
81-004950
81-004955
81-005033
81-005034
81-005035
81-005335
Trypanosomes
81-005019
81-005044
Tularemia
81-004957
Viral Diseases
81-004947
81-004968
81-005014
81-005079
81-005122
81-005358
81-005363
81-005367
81-005386
81-005610
81-005613
Mammals--Pesticides/Pollution
Chlorinated Hydrocarbons
81-004941
81-004942
DDE
81-004940
DDT
81-004940
81-004943
81-004944
Dieldrin
81-004940
Heavy Metals
81-004941

...CONTINUED...
Mammals--Pesticides/Pollution
Heavy Metals
81-004945
81-004946
Lead
81-004941
81-004945
Mercury
81-004941
Mammals--Physiology
Abortion
81-005298
Adaptation
81-005149
Adrenal Gland
81-005182
81-005210
Albinism
81-004998
81-005375
Anesthetics
81-005564
Anoxia
81-005040
Antlers
81-005499
81-005512
Ascorbic Acid
81-005444
Bioenergetics
81-005180
81-005213
81-005236
81-005259
Body Fat
81-004976
81-005080
81-005271
81-005281
81-005485
Body Temperature
81-005099
81-005305
Brain
81-005422
81-005486
Breeding Season
81-005567
Cardiovascular System
81-005541
Central Nervous System
81-005103
Cholesterol
81-005574
Chromosomes
81-005154
Coloration
81-005200
81-005567
Corpora lutea
81-004972
Cytology
81-004918

...CONTINUED...
Mammals--Physiology
Digestion
81-005503
81-005584
Digestive Tract
81-005583
Diving
81-005415
81-005422
81-005429
81-005430
DNA
81-005151
Embryology
81-005266
81-005376
Endocrinology
81-005098
81-005191
81-005642
Enzymes
81-005311
81-005486
Estrous Cycle
81-005170
81-005270
Female Reproductive Organs
81-005007
Glands
81-005527
81-005528
Gonads
81-005112
Growth/Development
81-004969
81-005235
Heart
81-005422
Heart Rate
81-005099
81-005602
Hematology
81-005022
81-005344
81-005406
81-005429
81-005434
81-005452
81-005458
81-005469
81-005483
81-005658
Hibernation
81-005083
81-005088
81-005101
81-005112
81-005113
81-005114
81-005115
81-005346
Histology
81-004912

...CONTINUED...
Mammals--Physiology
Hormones
81-004985
81-005112
81-005121
81-005177
81-005287
81-005376
81-005512
81-005564
81-005592
81-005625
Hypothalamus
81-005287
Insulin
81-005083
Iodine
81-005474
Karyotypes
81-004921
Kidneys
81-005202
81-005232
Lungs
81-005422
Male Reproductive Organs
81-005066
Metabolism
81-004926
81-005080
81-005168
81-005297
81-005311
81-005340
81-005346
81-005402
81-005415
81-005419
81-005430
81-005503
Muscles
81-005471
81-005510
81-005541
Nitrogen
81-005503
Nutrition
81-005458
81-005658
Osmoregulation
81-005385
Osteology
81-005510
Ovaries
81-005211
81-005273
81-005420
Oxygen
81-005434
Parotid Gland
81-005472
Parturition
81-005567

...CONTINUED...
Mammals--Physiology
Pharmacology
81-005088
Pheromones
81-005186
81-005527
81-005528
Photoperiodism
81-005258
81-005592
Physical Condition
81-005485
81-005510
Pineal Gland
81-005233
81-005273
Pregnancy
81-005121
Productivity
81-005235
Reproduction
81-004927
81-004928
81-004967
81-004971
81-004979
81-004980
81-004982
81-004985
81-004989
81-004990
81-005015
81-005021
81-005069
81-005085
81-005117
81-005143
81-005164
81-005177
81-005182
81-005189
81-005201
81-005203
81-005235
81-005242
81-005355
81-005356
81-005371
81-005377
81-005408
81-005413
81-005420
81-005475
81-005519
81-005522
81-005651
Respiratory System
81-004915
81-004916
81-004922
81-004929
81-004930
81-004931

...CONTINUED...
Mammals--Physiology
Respiratory System
81-004932
81-004933
81-005540
Selenium
81-005471
Sexual Maturity
81-005164
81-005165
Sight
81-005565
Skin
81-004917
81-004923
Sodium
81-005168
Starvation
81-005090
Stress
81-005458
81-005564
81-005602
Temperature Relationships
81-005602
Testicular Cycle
81-005106
81-005258
Thermoregulation
81-005094
81-005136
81-005226
81-005229
81-005242
81-005305
81-005402
81-005645
Thyroid Gland
81-005101
81-005474
Torpor
81-005002
Water Metabolism
81-005048
81-005232
Water Supply
81-005168
Mammals--Techniques
Aging
81-005135
81-005225
81-005261
81-005337
81-005453
81-005520
81-005532
81-005637
Autopsy
81-005464
Capturing Methods
81-005318
Census/Survey Methods
81-004891

...CONTINUED...
Mammals--Techniques
Census/Survey Methods
81-005110
81-005218
81-005410
81-005506
Growth/Development
81-005156
Habitat Use
81-005267
81-005548
Habits/Behavior
81-005087
81-005171
81-005585
Home Range/Territory
81-005332
Immobilization
81-005416
Ketamine Hydrochloride
81-005393
Radioactive Markers
81-005267
Recording Equipment
81-004760
Remote Sensing
81-004974
Respiration
81-004933
Satellite Imagery
81-004974
Telemetry
81-005332
81-005477
Tranquilizers
81-005393
Traps/Trapping
81-004891
81-005207
81-005256
81-005275
Modeling
Evolution
81-004924
Foods/Feeding
81-006520
General
81-005555
Interspecies Relationships
81-004816
Intraspecies Relationships
81-006494
Parasites/Diseases
81-005074
Population Ecology
81-004828
81-005823
81-006491
Predator/Prey Relationships
81-004763
81-004963
81-005071
81-005480
Thermoregulation
81-006872

Organizations
General
81-004857
The Nature Conservancy
81-006351
Plants--Communities
Canada: British Columbia
81-004748
Plants--General
Critical Habitat
81-004788
81-004792
81-004793
Endangered/Threatened Species
81-004788
81-004792
81-004793
Reserves/Refuges/Parks
General
81-005692
Management
81-004856
New Hampshire
81-004782
Nigeria
81-004856
United States, Southeastern
81-004864
West Germany
81-004779
Socio-economic Studies
Deer Hunting
81-004854
General
81-005342
Hunting/Anti-hunting
81-004852
81-004854
Illegal Kill
81-004853
81-005460
Michigan
81-004854
Outdoor Recreation
81-004852
Soil Surveys
Alaska
81-004734
Arizona: Cochise County
81-004741
Arizona: Graham County
81-004741
Arizona: Greenlee County
81-004741
Arkansas: Logan County
81-004735
Colorado: Conejos County
81-004742
Colorado: Weld County
81-004730
Georgia: Coweta County
81-004729

...CONTINUED...
Soil Surveys
Georgia: Heard County
81-004729
Georgia: Troup County
81-004729
Louisiana: Allen Parish
81-004736
Montana: Lewis and Clark County
81-004728
Montana: Richland County
81-004738
Nebraska: Burt County
81-004731
Nebraska: Keya Paha County
81-004739
Ohio: Seneca County
81-004733
South Africa
81-004732
South Dakota: Aurora County
81-004740
Virginia: Gloucester County
81-004737
Wildlife--Behavior
Altruism
81-004819
81-004823
Displays
81-004821
Foods/Feeding
81-004818
General
81-004820
Interspecies Relationships
81-004816
81-004817
81-004818
81-004822
81-004824
81-004825
81-004867
81-006475
81-006691
81-006824
Lek Behavior
81-004826
Resting
81-004820
Seed Dispersal
81-004960
Wildlife--Communities
Argentina
81-004765
81-004766
Arizona
81-004764
Australia: Queensland
81-004772
81-004775
Brazil
81-004767
Canada: Yukon
81-004787

...CONTINUED...
Wildlife--Communities
Chile
81-004771
Deserts
81-004776
Egypt
81-004773
Islands
81-004765
Malawi
81-004768
Mangroves
81-004767
Minnesota
81-004774
Mozambique
81-004768
Nepal
81-004777
Peru
81-004776
Seychelles Islands
81-004769
Spain
81-005546
Tennessee: Blout County
81-004778
Texas
81-004770
Utah
81-004764
Wetlands
81-004774
Wildlife--General
Disturbances
81-004886
Esthetic Value
81-004780
81-004794
Evolution
81-004754
81-004755
Extirpation
81-004801
Habitat Alterations
81-004886
Longevity
81-004811
Morphology
81-004752
Nongame Wildlife
81-004883
Osteology
81-004752
Paleobiology
81-004778
Population Ecology
81-004753
81-004828
81-004829
Species Diversity
81-004749
81-004750

...CONTINUED...
Wildlife--General
Taxonomy
81-004754
81-004755
Urban Habitat
81-004751
Water Supply
81-004770
Wildlife--Management
Chile
81-004855
81-004860
East Germany
81-005664
Economic Value
81-004855
General
81-004858
Illegal Kill
81-004853
Laws/Law Enforcement
81-004860
Nongame Wildlife
81-004858
81-004862
Plant Control
81-004868
Plantings
81-004861
Rights-of-Way
81-004874
Switzerland
81-005554
West Germany
81-004859
Wildlife--Morphology
General
81-004811
Thymus
81-004812
Wildlife--Parasites/Diseases
Bacterial Diseases
81-004837
Cestodes
81-004836
81-004839
Lesions
81-004838
Salmonella
81-004837
Wildlife--Pesticides/Pollution
Chlorinated Hydrocarbons
81-004831
Copper
81-004835
General
81-004833
Heavy Metals
81-004835
Kenya
81-004831
Lead
81-004835

...CONTINUED...
Wildlife--Pesticides/Pollution
Oil Pollution
81-004830
Zinc
81-004835
Wildlife--Physiology
Enzymes
81-004813
Metabolism
81-004809
Salt Glands
81-004815
Sight
81-004807
81-004808
81-004814
81-004838
Skin
81-004810
Water Metabolism
81-004810
Wildlife--Techniques
Aircraft
81-004756
81-004757
Banding Studies
81-004759
Biotelemetry
81-004757
Recording Equipment
81-004762
Sexing
81-004758
Study Methods
81-004761
Telemetry
81-004756

SUBSCRIPTION INFORMATION

Remit $19.00 ($23.75 Canada and foreign) for one year's subscription to:

The Government Printing Office
Superintendent of Documents
Washington, DC 20402

"Subscription to *Wildlife Review*" should be clearly written on the check.

U.S. Federal Agencies in wildlife-related fields and individuals or agencies who exchange domestic or foreign publications may receive free subscription to *Wildlife Review* by writing to:

Editorial Office—*Wildlife Review*
U.S. Fish and Wildlife Service
270 Aylesworth Hall, CSU
Fort Collins, CO 80523

CHANGE OF ADDRESS

If WR is the first entry on the first line of your address label, send your new address and your former address *exactly* as it appears on your mailing label to:

The Government Printing Office
Superintendent of Documents
Washington, DC 20402

If a 5-digit number appears as the first line of the label, send your new address and your former address *exactly* as it appears on your mailing label to:

Editorial Office—*Wildlife Review*
U.S. Fish and Wildlife Service
270 Aylesworth Hall, CSU
Fort Collins, CO 80523

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
EDITORIAL OFFICE
AYLESWORTH HALL, CSU
FORT COLLINS, COLORADO 80523

PRESORTED
SPECIAL FOURTH-CLASS RATE
POSTAGE & FEES PAID
USDI
PERMIT No. G-77

OSBISSDUE002R 1
SERIALS PROCESSING
** UNIV MICROFILMS INTL
** 300 ZEEB RD
** ANN ARBOR MI 48106